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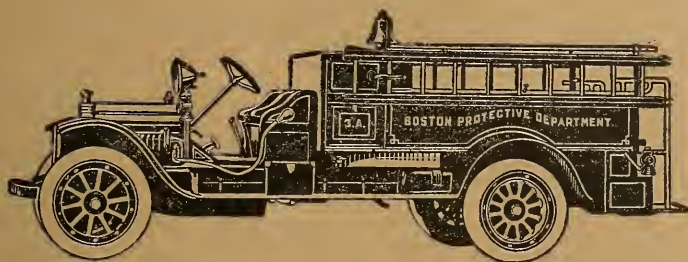






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Boston Protective Department



FORTY-SEVENTH

ANNUAL REPORT

FOR THE CALENDAR YEAR

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1920  
OF THE  
CITY OF BOSTON

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FORTY-SEVENTH


ANNUAL REPORT

OF THE

**Boston Protective Department**

FROM

January 1, 1920 to January 1, 1921





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## OFFICERS

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*President:*

JOHN J. CORNISH

*Vice-President:*

WILLIAM E. DAVENPORT

*Directors:*

TO SERVE UNTIL MARCH, 1921

WILLIAM H. ROGERS

JOHN J. CORNISH

HENRY M. FENTON

TO SERVE UNTIL MARCH, 1922

GEORGE W. BUNTIN

JAMES H. CARNEY

WILLIAM E. DAVENPORT

TO SERVE UNTIL MARCH, 1923

JOHN P. MEADE

C. H. J. KIMBALL

CHARLES A. HOWLAND

*Secretary-Treasurer:*

CHARLES W. GOODING

*Superintendent:*

H. E. THOMPSON

*Medical Officer:*

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1921.

TO THE MEMBERS OF THE  
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 47th Annual Report of the Department with the reports of the Superintendent, Treasurer, Medical Officer and statistical tables.

The Board recommends, first, that the active duties of the Department be continued for another year; second, that the Directors be authorized to expend for the maintenance of the Department during the year a sum not exceeding one hundred and eighty thousand dollars.

For the Directors,  
JOHN J. CORNISH,  
President.

# TREASURER'S REPORT

## CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR ENDING DECEMBER 31, 1920

### RECEIPTS:

Assessments .....	\$175,922.57
Interest .....	645.43
Special Service .....	1,467.22
	<hr/> \$178,035.22

### EXPENDITURES:

Pay Roll and Salaries .....	\$114,869.00
Repairs and Furnishings of Houses .....	1,852.26
Telephone and Fire Alarm .....	976.01
Water, Light and Fuel .....	5,542.06
Printing, Stamps and Office Supplies .....	1,637.50
Auto Supplies and Repairs .....	14,167.37
Miscellaneous Department Supplies .....	2,061.37
New Equipment and Furnishings .....	4,110.31
Repairs of Equipment .....	600.01
Rent and Taxes .....	5,678.49
Compensation and other Insurance .....	6,747.82
Sundries .....	674.43
	<hr/>
Total Expenditures .....	\$158,918.63
Balance, December 31, 1920 .....	19,116.59
	<hr/> \$178,035.22

CHARLES W. GOODING. *Treasurer.*

Boston, January 25, 1921.

Audited and found correct

S. T. EMERY,	} <i>Auditing Committee.</i>
WM. H. LORING,	
PHILIP J. McKEON	

## STATEMENT OF ASSESSMENTS MADE IN 1920

July 1, 1919, to December 31, 1919:

Premiums on Fire, Sprinkler and Water Damage . . . .	\$4,381,908.30 at 2%	\$87,638 17
---	----------------------	-------------

January 1, 1920, to July 1, 1920:

Premiums on Fire, Sprinkler and Water Damage . . . .	\$5,898,335.68 at 1 1/2%	\$88,475.00
		<hr/> \$176,113.17
Assessments Unpaid .....		190.60
		<hr/> \$175,922.57

July 1, 1920, to December 31, 1920:

Premiums on Fire, Sprinkler and Water Damage . . . .	\$4,565,060.01 at 2%	\$91,301.17
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## SUPERINTENDENT'S REPORT.

HEADQUARTERS BOSTON PROTECTIVE DEPARTMENT. }  
OFFICE OF SUPT., No. 40 PURCHASE ST. }

BOSTON, January 1st, 1921.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Forty-seventh Annual Report of operations of the Department for the year ending December 31st, 1920.

### CALLS AND SERVICE

The department responded to 2,002 City boxes, 1,320 Verbal, 201 Boston Automatic Fire Alarms, 144 American District Telegraph, which includes 94 Sprinkler Breaks, 198 Sprinkler Troubles, Total 3667; also 74 Water Damages, Total calls 3741.

The service rendered was 66 fire extinguishers used, 3,555 covers spread on merchandise at fires and other calls, 235 covers on roofs, 105 covers protecting merchandise after fires from storms. Total covers used 3,895.

The hours service were 2,336.44 at fires, 130.19 protecting merchandise &c after fires, and 1,904.54 privates detailed after fires. Total 4,371.57.

OF THE 4,688 ALARMS, 2,928 ALARMS OR 62.15 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$3,143,528.89, divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings .....	\$ 890,443.84	\$154,605.79	\$1,045,049.63
Contents .....	1,823,110.13	129,656.09	1,952,766.22
Rents .....	3,963.04		3,963.04
Vessels .....	139,600.00	2,150.00	141,750.00
Cargoes .....			
Totals .....	\$2,857,117.01	\$286,411.88	\$3,143,528.89

### WATER DAMAGE OTHER THAN FIRES.

Loss on buildings not insured .....	\$4,482.00
Loss on contents, not insured .....	21,678.00
Total .....	\$26,160.00

Total calls, 74 (55 with losses). On duty 70h. 26m. Covers spread 175. Private detail duty 40h. 54m.

### AUTO-WAGONS

For a descriptive list of Auto-Wagons, Calls responded to and miles travelled, also expense account, see pages 17 and insert.

ORGANIZATION OF DEPARTMENT.  
Superintendent, HENRY E. THOMPSON.

Co. No. 1. 40 Purchase St.	Total	Co. No. 2. 4 Appleton St.	Total	Co. No. 3. 159-161 Roxbury St.	Total	Grand Total
Captain E. Abbott.....	1	S. A. McDonnell....	1	Jas. T. Fitzgerald....	1	3
Lieuts. { A. F. Swift.....	2	{ G. E. Blakeley ....	2	{ M. J. Gleason.....	2	6
{ J. J. Carty.....	7	{ J. S. Weir.....	4	{ B. J. McTernan....	8	19
First Grade Privates.....	4	.....	2	.....	2	8
Second " ".....	3	.....	2	.....	1	6
Third " ".....	1	.....	1	.....	2	4
Fourth " ".....	0	.....	4	.....	0	4
Fifth " ".....	9	.....	9	.....	0	18
Auxiliary " ".....		.....		.....		
Totals	27		25		16	68

PENSIONERS

SUPERINTENDENT

CAPTAINS

FIRST GRADE PRIVATES

1  
2  
73

OPERATIONS OF THE DEPARTMENT.

		Co.No.1	Co.No.2	Co.No.3
Responses to Alarms.	{ City Boxes.....	591	811	1003
	{ Still.....	515	447	456
	{ Automatic.....	150	53	10
	{ A. D. T.....	99	53	17
Totals .....		1355	1364	1486
Responded to by	{ Automobile.....	1045	1346	1409
	{ Privates in outlying districts....	347	.....	147
Hours Duty	{ At fires and responding to calls	722.24	728.16	886.04
	{ Assisting Fire Department.....	.....	.....	.....
	{ After fires protecting mdse.....	67.32	49.17	13.30
	{ Detail after fires.....	890.59	558.03	455.52
Totals .....		1680.55	1335.36	1355.26
Covers Used	{ At fires and sprinkler calls.....	1498	1417	465
	{ On roofs after fires.....	84	48	103
	{ Protecting mdse. after fires.....	78	1	26
Totals .....		1660	1466	594
Extinguishers used .....		22	24	20
<i>The Second Section was called in service as follows:</i>				
		Co.No.1	Co.No.2	Co.No.3
On First Alarms	{ When first out section was at fire	44	71	56
	{ When both sec. were at previous fire	4	6	2
	{ While cov. adj. company district	0	23	6
On Second Alarms	{ At night.....	5	6	7
	{ Voluntarily during daytime....	1	0	1
On Telephone calls.....		10	7	9
On Messenger calls.....		0	0	0
To Cover	Adjoining company district....	12	141	42
Totals .....		76	254	123
		Co.No.1	Co.No.2	Co.No.3
No. fires at which roofs were protected .....		35	25	49
No. days on which one or more aux. men were retained on day duty after a fire.....		74	46	21
No. extra hazardous days when aux. force was retained on duty.....		2	2	0

## SPRINKLER RECORD. FIRES.

Sprinklers Operating	Heads	Sprinkler Heads Replaced	Heads	Where Sprinkler Heads Operated	Floors	Condition of System when left	No.
59 Fires of 1 head each	59	13 Fires of 1 head each	13	Sub-Basement	2	O. K.	93
19 " " 2 heads "	38	8 " " 2 heads "	16	Basement	40	Partially Operative	1
9 " " 3 " " "	27	2 " " 3 " " "	6	First-floor	20	Shut Off	7
† 5 " " 4 " " "	20	3 " " 4 " " "	12	Second "	14		
‡ 3 " " 5 " " "	15	1 " " 5 " " "	5	Third "	9		
* 2 " " 7 " " "	14	1 " " 8 " " "	8	Fourth "	4		
1 " " 8 " " "	8			Fifth "	5		
1 " " 11 " " "	11			Sixth "	5		
1 " " 15 " " "	15			Seventh "	1		
1 " " 23 " " "	23			Eighth "	1		
101 Totals	230	28 Totals	60	Totals	101	Totals	101

† 2 Fires operated 2nd & 3rd floors.  
\* 1 " " 1st & 2nd "

## RUPTURED HEADS AND PIPES.

Sprinklers Ruptured	Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off
43 Breaks of 1 head ea.	43	Water freezing in heads	22	Condition	19	3	
2 " " 2 heads ea.	4	" " " pipes	18	"	8	2	8
1 " " 3 heads ea.	3	" " " couplings	9	"	6	2	1
21 Breaks " Pipes		" " " elbows	16	"	10	2	4
11 " " Couplings		Striking heads	12	"	11		1
16 " " Elbows		" " pipes	2	"	1		1
		Defective Heads	12	"	10	1	1
		" " Couplings	2	"	1	1	
		Unknown	1	"			1
94 Totals	50	Totals	94	Totals	66	11	17

## DUTY PERFORMED

Hours service 117 h. 17m.

Covers spread 220  
Extra Duty 5 h. 8 m.

Detailed duty 13h. 17m.

## TROUBLES.

Alarms, false.....	2
" accidental.....	1
Alarm pots, defective.....	17
" bell, ".....	1
Leaky couplings.....	1
" heads.....	1
" valves (2 city supply, 2 drips, 1 alarm).....	5
Defective valves (city supply).....	1
" transmitter.....	1
Shutting off system by mistake.....	1
Tampering with system.....	1
Water hammer.....	35
" in dry pipe system.....	50
Working on system.....	17
Unknown.....	64
Total.....	198

## DUTY PERFORMED

Hours service 105 h. 56 m.

Detailed duty 134 h. 19m.

Extra duty 4h. 45m.



City Proper.....	1904
Roxbury District.....	535
Charlestown.....	244
East Boston.....	238
South Boston.....	358
Dorchester.....	578
West Roxbury.....	341
Brighton.....	323
Hyde Park.....	157
Boston Harbor.....	3
Brookline.....	4
Cambridge.....	2
Chelsea.....	0
Dedham.....	1
Milton.....	0
Newton.....	0
Revere.....	0
Somerville.....	0
Total.....	4,688

Months		Days of Week.		Hours of the Day	
1920					
January .....	553	Monday .....	752	Day Service	6 to 7 A.M. .... 57
February .....	379	Tuesday .....	665		7 to 8 " .... 107
March .....	381	Wednesday .....	586		8 to 9 " .... 163
April .....	486	Thursday .....	632		9 to 10 " .... 188
May .....	315	Friday .....	652		10 to 11 " .... 203
June .....	345	Saturday .....	719		11 to 12 Noon .... 237
July .....	495	Sunday .....	682		12 to 1 P. M. .... 276
August .....	295				1 to 2 " .... 282
September .....	290				2 to 3 " .... 290
October .....	397				3 to 4 " .... 302
November .....	381				4 to 5 " .... 358
December .....	371				5 to 6 " .... 319
Totals .....	*4688		*4688	Night Service	6 to 7 " .... 287
					7 to 8 " .... 286
					8 to 9 " .... 284
					9 to 10 " .... 258
					10 to 11 " .... 197
					11 to 12 Midnight. 126
					12 to 1 A. M. .... 11
					1 to 2 " .... 90
					2 to 3 " .... 73
					3 to 4 " .... 71
					4 to 5 " .... 70
					5 to 6 " .... 53

\*3 Fires extinguished by occupants are included in these totals.

# STATEMENT BY MONTHS

Of Alarms for Fires Responded to by One or More Companies of this Department, Together with Other Statistics

Months.	Alarms attended by this Dept.				Extinguished by occupant. No alarm given.	Water Damage Calls.	Still Alarms attended by Fire Department only.	Total Alarms.	Sprinklers operated on fires.	Sprinkler breaks or defects	Alarms for fires on vessels	Covers Spread			Extinguishers used.	Duty at fire and responding to calls Hrs. m	Duty after fires Hrs. m	Detail after fires.
	City Boxes.	Skill.	Automatic.	A. D. T.														
Jan. 1920	237	181	16	14	0	14	104	565	39	38	1	440	27	10	5	328	23	339 50
Feb. "	166	123	21	22	0	3	46	392	17	51	0	417	32	87	4	278	42	256 25
Mar. "	152	116	20	9	0	4	84	381	22	50	0	614	40	0	10	256	47	288 05
April "	197	94	14	7	1	7	171	491	33	11	2	181	9	0	0	193	31	81 49
May "	135	78	12	12	2	4	76	319	33	17	0	203	8	0	0	144	48	30 53
June "	153	97	20	6	0	3	67	346	5	20	0	289	14	0	2	158	21	130 00
July "	220	125	11	8	0	3	131	498	6	17	4	191	25	0	7	191	31	133 45
Aug. "	127	91	14	10	0	4	53	299	6	21	3	160	11	0	1	119	56	98 54
Sept. "	131	76	18	8	0	5	57	295	11	19	0	153	13	2	3	129	43	98 17
Oct. "	170	118	12	13	0	4	84	402	3	20	0	102	21	0	10	153	59	54 42
Nov. "	150	115	23	18	0	5	74	384	18	28	0	251	22	1	3	177	45	84 33
Dec. "	164	106	20	17	0	8	64	379	20	30	1	319	13	1	6	199	18	307 41
Totals	2002	1320	201	144	3	74	1011	4755*	203	292	16	3380	235	105	66	2,336	44	1,904 54

\*7 Alarms for assistance from other cities and towns not included.



## GRADE OF LOSSES FOR 1920.

2928	Alarms with no loss.		
744	Fires with loss under \$100		\$28,874.78
526	" " " " \$100 to \$500		120,310.88
132	" " " " \$500 to \$1,000		91,867.46
215	" " " " \$1,000 to \$5,000		479,583.37
36	" " " " \$5,000 to \$10,000		256,704.28
13	" " " " \$10,000 to \$15,000		156,802.60
	over \$15,000.		
1	Jan. 15, 1920, 214-16 State St., Park Sausage Co.		27,947.09
1	" 18, " Rear 160 Beverly St., Boston & Maine R. R. Y. M. C. A. et al		89,199.01
1	" 31, " 1667-71 Blue Hill Ave., C. Wentworth et al		46,006.95
1	Feb. 5, " 90-4 South St., Monarch Leather Co. et al		55,024.53
1	" 18, " 67-71 South St., Simpson Leather Co. et al		32,632.36
1	" 22, " 337 North St., B. Platonia & C. Petringa et al		30,070.87
1	Mar. 6, " 174-6 Columbus Ave., J. W. Porter & Co. et al		17,689.16
1	" 6, " 774 Albany St., Curtis & Pope Lumber Co.		80,615.31
1	" 11, " 1090-1104 Commonwealth Ave., Mitchell & Smith et al		68,837.70
1	" 16, " 62-4 South St., J. Marshall Leather Co. et al		16,927.59
1	" 25, " 451-63 Atlantic Ave., Crocker Pen Co. et al		228,696.26
1	April 13, " 481-5 Summer St., J. Williams Co.		20,484.02
1	" 11, " Deer Island, City of Boston		20,500.00
1	" 15, " Off Massachusetts Ave., P. M. Leavitt & Co.		52,292.69
1	May 15, " 95-101 Haverhill St., Sulkin Spice Co. et al		15,038.67
1	June 1, " 383 Dorchester Ave., Hunt Spiller Mfg. Co.		15,667.89
1	" 3, " 232-40 Purchase St., Foss & Co., et al		525,237.20
1	" 25, " 12-13 Faneuil Hall Sq., Fottler, Fiske, Rawson Co.		22,982.88
1	July 6, " 376 Albany St., American Coal Co. et al		16,117.00
1	" 11, " 9-13 Albany St., S. Brilliant & Co. et al		40,463.72
1	" 17, " 115-9 W. First St., J. S. Bent et al		32,851.81
1	" 23, " Off W. Fourth St., N. Y. N. H. & H. Railroad		25,000.00
1	Aug. 13, " Off D St., Universal Car Loading & Distributing Co et al		25,000.00
1	" 31, " 30-2 South St., Amerikaf Tanning Co. et al		50,949.68
1	Oct. 23, " Rear 539 Rutherford Ave., Furbush & Co.		62,959.20
1	Nov. 2, " 235 Heath St., Fienberg Bros. & Co.		73,115.78
1	" 30, " 106-12 Leverett St., N. Cohen et al		19,046.13
1	Dec. 3, " 677-9 Atlantic ve., Eliot Shoe Co. et al		25,562.82
1	" 9, " 5-9 Douglas St., J. Chmiell		17,135.80
1	" 23, " 143-7 Summer St., Salem Tanning Co. et al		26,178.11
1	" 29, " 130-2 Lincoln St., A. M. Collins Shoe Co. et al		36,677.00
1	" 30, " 24-6 South St., Old Colony Leather Co., et al		46,764.25
4626			2,997,815.85
9	Marine Losses		141,750.00
4635			3,139,565.85
	Rent Losses		3,963.04
			3,143,528.89
53	Sprinkler Losses (no fire)	\$49,680.46	
4688			

CAUSES OF ALARMS AND OF FIRES WITH LOSS  
DURING 1920.

	Alarms	Fires with Loss
a1 Assistance beyond City Limits.....	7	
Arson .....		
Ashes.....		
Benzine.....		
Boilers.....		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective	259	51
Cigars, Cigarettes and Pipes.....		
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity .....	243	83
4 Explosions .....	162	95
5 Exposure .....	63	52
5a False and Needless Alarms.....	181	
6 Fireworks, Fire Crackers, Balloons, etc.....	35	22
Flues .....		
7 Friction—Sparks—Occasioned by running machinery, in-		
cluding Pickers, Carding Machines, Gins, etc.....	25	13
Furnaces .....		
Gas .....		
8 Gas—Natural and Artificial .....	28	13
Gasolene .....		
9 Hot Ashes and Coals.....	91	35
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	73	20
11 Hot or Molten Metal.....	16	11
Hot Water Pipes.....		
12 Incendiarism .....	10	8
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodde.....		
14 Lightning—buildings not rodde.....	11	10
Locomotives.....		
15 Matches .....	701	458
16 Miscellaneous—Cause known but not Classified.....	249	19
17 Open Fires .....	48	1
18 Open Lights.....	179	121
19 Petroleum and its products.....	58	31
Pickers .....		
Railroad .....		
19a Rekindling of a previous fire.....	3	1
20 Rubbish and Litter.....	775	3
21 Smoking .....	343	215
22 Sparks—Arising from combustion.....	146	93
23 Sparks on Roof.....		
24 Spontaneous Combustion.....	70	41
24a Sprinklers .....	292	53
Stacks .....		
25 Steam and Hot Water Pipes.....	23	14
26 Stoves, Furnaces, Boilers and their pipes.....	330	101
Stove Pipes .....		
27 Unknown .....	266	195
28 Unknown origin but investigation important.....	1	1
Totals.	4688	1760

This table includes 1011 fire department still alarms of which we were not notified, 3 fires for which no alarms were given but which were extinguished by occupants.

# STATEMENT BY MONTHS OF INSURANCE AND LOSSES.

Months	Buildings			Contents			Rents		Vessels		Sprinkler Losses (no fire)	
	Insurance	Loss Insured.	Loss not Ins.	Insurance.	Loss Insured.	Loss not Ins.	Insurance.	Loss	Insurance.	Loss	Insurance	Loss
Jan. 1920	\$2,787,145.00	\$115,509.86	\$68,524.64	\$4,928,774.00	\$105,382.04	\$34,089.55					207,450.00	\$21,142.64
Feb. "	2,611,405.00	102,484.52	3,151.60	2,784,773.00	149,156.67	16,747.00					269,400.00	22,030.11
Mar. "	5,664,979.00	172,510.26	24,014.72	5,091,435.00	350,801.97	9,365.49	900.00	75.00			2,000.00	1,868.75
Apr. "	1,428,165.00	50,756.17	21,151.15	5,045,800.00	99,840.75	3,975.02	2,756.00	40.00				
May "	2,898,727.00	21,884.36	2,527.63	2,734,913.00	33,887.14	9,558.77			320,400.00	114,000.00		
June "	3,023,151.00	127,774.93	2,007.32	2,010,185.00	486,611.54	1,039.00						
July "	3,991,182.00	82,969.49	11,683.36	1,048,482.13	107,611.16	2,757.00						
Aug. "	1,296,492.00	34,835.73	14,886.12	810,730.00	77,846.63	8,116.00			1,700.00	4,000.00	1,632.82	12.00
Sept. "	2,182,297.00	35,783.92	1,912.20	722,360.00	31,842.03	12,962.55	1,000,000.00		25,015.00	13,750.00	413.45	413.45
Oct. "	2,604,065.00	36,095.90	2,723.67	1,876,600.00	91,884.47	4,853.00						
Nov. "	3,900,081.00	39,485.52	1,228.43	2,286,250.00	115,652.92	10,754.56	800.00		600.00	244,850.00	340.65	340.65
Dec. "	3,043,200.00	67,533.18	755.00		175,176.83	15,438.15					69,600.00	1,188.94
Totals	\$35,431,319.00	\$890,443.84	\$154,605.79	\$26,489,344.13	\$1,823,110.13	\$129,656.09	\$8,656.00	\$3,963.04	\$141,750.00	\$100,050.00	\$49,680.46	

\*Loss on vessels not insured \$2,150.00.

\*Insured loss on Vessels \$139,600.00.

\* January 1, 1921. By courtesy of City of Boston Building Department.

	Buildings including Docks, Vessels, Tank and Permanent Fixtures.	Contents	Total
Total Insurance on the property on which claim for loss was made .....	\$36,752,519.00	\$26,489,344.13	\$63,241,863.13
Total Insurance Loss ....	1,030,043.84	1,823,110.13	2,853,153.97
Total Loss (insured and uninsured) .....	1,186,799.63	1,952,766.22	3,139,565.85
Rents insured.....			3,963.04
Losses on buildings and contents in which fires originated, i.e., direct losses .....	1,114,102.69	1,714,840.91	2,828,943.60
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	72,696.94	237,925.31	310,622.25

### Review of grade of losses for ten years

Years	Total Al'm.	No Loss	Under \$100	\$100 to 500	\$500 to 1000.	\$1000 to 5000.	\$5000 to 10,000	\$10,000 to 15,000	Over 15,000
1911	4618	2527	1113	538	189	189	29	7	26
1912	5420	2985	1234	686	196	217	52	19	31
1913	4947	2811	1048	588	185	217	44	15	39
1914	5679	3345	1118	628	238	261	35	15	39
1915	5532	3280	1044	641	207	251	45	18	29
1916	4656	2742	930	549	185	197	44	7	32
1917	5025	2996	981	605	159	199	31	12	42
1918	5433	3617	892	531	115	191	30	10	35
1919	5647	3687	903	574	155	208	30	17	26
1920	4688	2928	* 744	*526	*132	*215	*36	*13	32

\*53 Sprinkler losses included, viz., 33 under \$100. 8 from \$100 to \$500.  
 2 from \$500 to \$1,000. 7 from \$1,000 to \$5,000. 1 from \$5,000 to \$10,000.  
 2 from \$10,000 to \$15,000

### Review of total alarms, fires with loss, loss, average loss of total alarms, and average loss of fires with loss, for ten years

Years.	Total Alarms.	Fires with Loss	Loss.	Average Loss of Total Alarms.	Average Loss of Fires with Loss.
1911	4,618	2,091	\$2,232,266.78	\$483.38	\$1,067.55
1912	5,402	2,417	2,530,475.47	468.43	1,046.94
1913	4,947	2,136	4,254,847.91	868.17	1,991.97
1914	5,679	2,319	3,044,626.94	536.12	1,312.90
1915	5,532	2,243	3,004,599.48	543.13	1,339.54
1916	4,656	1,914	2,473,801.16	531.31	1,292.47
1917	5,025	1,955	4,056,887.34	807.31	2,075.13
1918	5,433	1,774	2,827,612.34	520.45	1,593.92
1919	5,647	1,921	2,581,085.15	457.07	1,343.61
1920	4,688	†1,707	3,143,528.89	670.54	1,841.55

The above tables include Still Alarms.

† Does not include 53 Sprinkler losses.

In conclusion, I desire to express my sincere thanks to all departments or persons who have in any way assisted this Department during the past.

Respectfully submitted,

H. E. THOMPSON,

*Superintendent of Department*

## MEDICAL EXAMINER'S REPORT

1920

HENRY E. THOMPSON,

*Supl. Boston Protective Department.*

*Dear Sir:*—Your Medical Officer respectfully submits the following report for the year ending December 31, 1920:

Applicants examined.....	92
Promotions. Examinations for.....	18
Members. Visits to sick.....	54
Members. Visits to injured.....	18
Physicians reports. Attending.....	97
Special reports.....	4
Certificates. Return to duty.....	65
Applicants rejected due to physical disabilities.....	6

W. F. TEMPLE Jr., M. D.

*Medical Officer, Boston Protective Department.*



## DESCRIPTIVE LIST OF MOTOR WAGONS &amp; CARS

Relation	Put in Service.	Maker's name	No.	Cooling System	Cylinders.		Wheel Base.	Tire size.		Weight Loaded.	Company Assigned	Remarks.
					No.	Size. H.P.		Front.	Rear.			
†3	Oct. 17, 1910	Knox Auto. Co.	3788	W	4	5½	128	38 x 7	40 x 8	11,000	3	
4	Jan. 8, 1912	" "	4480	W	4	5½	132	39 x 6	Dbl. Blk.	13,500	2	
*5	Aug. 7, 1912	The White Co.	15218	W	4	4¼	146½	38 x 7	40 x 8	9,730	3	
7	Nov. 10, 1914	The White Co.	21625	W	6	4¼	158½	38 x 7	40 x 8	10,500	1	
8	" "	" "	21626	W	6	4¼	158½	38 x 7	40 x 8	10,530	1	
9	" "	" "	21628	W	6	4¼	158½	38 x 7	40 x 8	10,375	3	
10	Aug. 18, 1916	" "	26414	W	6	4¼	158½	38 x 7	40 x 8	10,700	3	Unassigned
11	Dec. 3, 1917	{ Buick Noyes	160057	W	4	3¾	125	35 x 5	35 x 5	.....	3	2nd (Supply car) Crndmd
12	Mar. 30, 1918	{ Buick Co.	42874	W	6	4½	158½	38 x 7	40 x 8	10,400	.....	Unassigned
13	Sep. 19, 1919	The White Co.	51184	W	4	4¾	157	38 x 7	40 x 8	10,700	.....	Unassigned
A	Nov. 29, 1912	" "	16282	W	4	3¾	109	35 x 4½	35 x 4½	.....	8	Condenned
B	Oct. 14, 1918	The Buick Co.	358285	W	6	3¾	124	34 x 4½	34 x 4½	.....	8	Turned in
14	Sept. 4, 1920	Ford	4051284	W	4	3¾	123	30 x 3½	32 x 4½	.....	8	Supply car
C	Nov. 3, 1920	The Buick Co.	735644	W	6	3¾	124	34 x 4½	34 x 4½	.....	2	

W - Water.

† - Knox 3788 Rebuilt 1915.

\* - White 15218 " 1917.

S Superintendent

## CALLS RESPONDED TO AND MILES TRAVELLED

No.	Years	1920		Totals	
		Calls	Miles	Calls	Miles
3	1910-1919 Inclusive	6,749	15,660.5	6,849	15,902.1
4	1912-1919 "	873	2,175.2	882	2,192.2
5	1912-1919 "	5,850	22,886.1	6,050	23,531.7
6	1914-1919 "	2,594	4,958.9	3,223	5,030.0
7	1914-1919 "	2,938	4,762.0	3,263	5,263.2
8	1914-1919 "	3,570	19,642.1	3,866	20,779.0
9	1916-1919 "	2,134	7,158.5	2,705	10,974.5
10	1917-1919 "	235	5,748.0	238	5,776.6
11	1918-1919 "	1,892	4,731.4	2,506	6,871.9
12	1919	429	922.7	1,583	3,525.7
13	1919	.....	.....	.....	263.0
14	1919	.....	.....	.....	49,230.0
A	1913-1919	.....	.....	.....	22,915.7
B	1918-1919	.....	.....	.....	1,765.6
C	1919	.....	.....	.....	.....

**SHOE AND LEATHER REPORTER**  
**No. 166 Essex Street**

Boston, March 25, 1920.

Boston Protective Department,  
40 Purchase Street,  
Boston, Mass.  
Attention Superintendent Abbott

Dear Sir:—

I take this early opportunity to congratulate you and commend the effective service which your department rendered on the premises of S. K. Abbott & Company.

We were particularly interested owing to the fact that the current issue of one of our papers was ready for binding and mailing, and the work of your department in covering the various forms will enable us to have the papers bound and mailed with a comparatively slight delay. Consequently, we take this opportunity of assuring you that we greatly appreciate the services which your department rendered in this crisis.

Yours very sincerely,

F. K. KRETSCHMAR



**THE LIVERPOOL AND LONDON AND GLOBE  
INSURANCE CO., LTD.**

**Henry M. Fenton, Local Manager**

Boston, Mass., March 30, 1920.

Boston Protective Department,  
40 Purchase Street,  
Boston, Mass.

Fire Report March 27, 1920  
106-112 Beach St. Automatic No. 641

Gentlemen:—

The prompt and efficient work of your men at the above fire prevented what might have been a véry heavy loss, and I join with the assured in congratulating you and to advise that there will be no claim made on the Companies.

Mr. Burt Rankin, Vice President and Treasurer of the Hunt-Rankin Leather Company was present at the time of fire and is very loud in his praise of the businesslike method in which this fire was handled.

Very truly yours,

H. M. FENTON, Local Manager.



Put in service.....		Nov. 10, 1914.	Nov. 10, 1914	Oct. 17, 1910	Jan. 8, 1912	Aug. 7, 1912	Nov. 10, 1914	Dec. 3, 1917	Aug. 8, 1916	Nov. 29, 1912	Mar. 30, 1918	Oct. 14, 1918	Sept. 19, 1919	Sept. 4, 1920	Nov. 3, 1920
Makers .....		The White Co.	The White Co.	Knox Motor Co	Knox Motor Co.	The White Co.	The White Co.	Buick, Noyes-Buick Co.	The White Co.	The White Co.	The White Co.	The Buick Co.	The White Co.	Ford	The Buick Co.
Company Nos.....		1.	1a.	2.	2a.	3.	3a.	160057 Service	26414 Unassigned	GADR.	42874 Unassigned	358285	51184 Unassigned	4051284 Service	717699
Expense.....		1920	1920	1920	1920	1920	1920	1920	1920	1920	1920	1920	1920	1920	1920
<b>Body—</b>	Repairs .....	\$ ....	\$1271.00	\$ ....	\$ ....	\$1271.83	\$1271.82	\$ .12	\$1.50	\$ ....	\$ 2.40	\$15.10	\$....	\$ .10	\$ ....
	Painting .....	....	200.00	....	....	200.00	200.00	....	....	....	....	....	....	....	....
	Bell .....	49.30	5.20	4.50	....	4.75	....	....	40.85	....	56.50	2.45	6.90	....	....
<b>Chassis—</b>	Repairs .....	125.65	110.99	2.30	....	807.91	221.69	....	336.63	....	268.29	146.40	53.21	....	....
	Shock Absorber ....	22.50	17.50	....	....	1.50	....	....	5.50	....	7.50	....	....	....	....
<b>Electric—</b>	Lighting .....	7.61	6.85	7.73	....	21.51	18.70	....	24.42	....	118.72	....	12.39	....	....
	Starting .....	1.65	....	....	....	14.99	....	....	21.83	....	90.45	....	16.44	....	....
	Batteries .....	2.75	95.45	....	....	4.68	77.84	30.11	92.30	....	5.00	33.30	40.53	....	....
<b>Engine—</b>	Repairs .....	11.51	27.12	95.93	18.00	494.35	23.06	22.93	198.63	....	415.68	206.39	103.98	....	....
<b>Cases—</b>	New.....	....	....	....	....	....	89.25	....	357.00	....	372.40	459.03	60.90	....	36.75
	Repairs .....	....	....	....	....	....	....	....	49.50	....	35.00	11.50	66.00	....	....
<b>Tubes—</b>	New.....	....	....	....	....	....	10.50	....	26.00	....	50.22	21.06	....	....	....
	Repairs .....	....	....	....	....	....	1.25	....	4.65	....	1.90	6.35	8.90	....	1.00
<b>Rims—</b>	New.....	....	....	....	....	....	....	....	....	....	11.60	13.23	....	....	....
	Repairs .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>Chains, etc.</b>	Chains.....	7.42	7.42	13.00	....	17.00	13.75	....	6.50	....	9.75	8.05	14.50	....	8.00
	Hooks .....	5.25	5.25	....	....	1.83	1.82	....	....	....	....	10.56	12.50	....	....
<b>Accessories</b>	.....	9.00	12.50	....	....	32.30	9.50	....	33.27	....	20.25	38.13	4.15	....	....
Totals .....		\$242.64	\$ 1,759.28	\$123.46	\$18.00	\$2,872.65	\$1,939.18	\$53.16	\$1,198.58	....	\$1465.66	\$971.55	\$400.40	\$ .10	\$45.75

#### SUPPLIES AND TOOLS

	Co. No. 1	Co. No. 2	Co. No. 3	
Gasoline .....	\$323.00	\$732.50	\$793.33	\$1848.83
Oils .....	61.26	123.56	200.98	385.80
Grease .....	5.75	10.08	5.75	21.58
Soap .....	28.80	31.20	44.00	104.00
Polish .....	15.17	13.00	8.67	36.84
Tools new and repd. ....	19.37	28.37	161.48	209.22
Totals .....	\$453.35	\$938.71	\$1214.21	\$2606.27



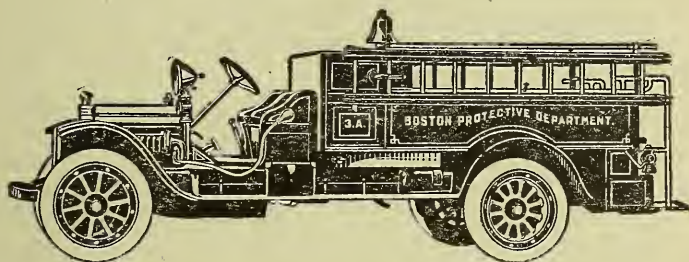




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Boston Protective Department

Mar 30 1921



FORTY-EIGHTH

ANNUAL REPORT

FOR THE CALENDAR YEAR

1921

RECEIVED  
MAR 30 1921






FORTY-EIGHTH  
ANNUAL REPORT

OF THE

**Boston Protective Department**

FROM

January 1, 1921 to January 1, 1922



## OFFICERS

---

*President:*

JOHN J. CORNISH

*Vice-President:*

WILLIAM E. DAVENPORT

*Directors:*

TO SERVE UNTIL MARCH, 1922

GEORGE W. BUNTIN

JAMES H. CARNEY

WILLIAM E. DAVENPORT

TO SERVE UNTIL MARCH, 1923

JOHN P. MEADE

C. H. J. KIMBALL

CHARLES A. HOWLAND

TO SERVE UNTIL MARCH, 1924

JOHN J. CORNISH

HENRY M. FENTON

A. W. HOLLIS

*Secretary-Treasurer:*

CHARLES W. GOODING

*Superintendent:*

H. E. THOMPSON

*Medical Officer:*

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1922.

TO THE MEMBERS OF THE  
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 48th Annual Report of the Department with the reports of the Superintendent, Treasurer, Medical Officer and statistical tables.

The Board recommends, first, that the active duties of the Department be continued for another year; second, that the Directors be authorized to expend for the maintenance of the Department during the year a sum not exceeding one hundred and eighty thousand dollars.

For the Directors,  
JOHN J. CORNISH,  
President.

# TREASURER'S REPORT

## CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR ENDING DECEMBER 31, 1921

### RECEIPTS:

Assessments .....	\$182,398.51
Interest .....	570.28
Special Service .....	2,362.68
	<hr/>
	\$185,331.47

### EXPENDITURES:

Pay Roll and Salaries .....	\$133,804.62
Repairs and Furnishings of Houses .....	4,129.79
Telephone and Fire Alarm .....	909.43
Water, Light and Fuel .....	4,835.75
Printing, Stamps and Office Supplies .....	1,296.88
Auto Supplies and Repairs .....	7,719.52
Miscellaneous Department Supplies .....	2,345.95
New Equipment and Furnishings .....	5,903.52
Repairs of Equipment .....	300.49
Rent and Taxes .....	5,707.83
Compensation and other Insurance .....	11,788.88
Sundries .....	406.15
	<hr/>
Total Expenditures .....	\$179,148.81
Balance, December 31, 1921 .....	6,182.66
	<hr/>
	\$185,331.47

CHARLES W. GOODING. *Treasurer.*

Boston, January 25, 1922.

Audited and found correct

S. T. EMERY,	} <i>Auditing Committee.</i>
WM. H. LORING,	
PHILIP J. McKEON	

## STATEMENT OF ASSESSMENTS MADE IN 1921

July 1, 1920, to December 31, 1920:

Premiums on Fire, Sprinkler	
and Water Damage . . . .	\$4,565,060.01 at 2 6/10% \$91,301.17

January 1, 1921, to July 1, 1921:

Premiums on Fire, Sprinkler	
and Water Damage . . . .	\$4,140,788.07 at 2 2/10% \$91,097.34
	<hr/>
	\$182,398.51

July 1, 1921, to December 31, 1921:

Premiums on Fire, Sprinkler	
and Water Damage . . . .	\$3,596,719.75 at 2 6/10% \$93,514.71

## SUPERINTENDENT'S REPORT.

HEADQUARTERS BOSTON PROTECTIVE DEPARTMENT. {  
OFFICE OF SUPT., NO. 40 PURCHASE ST. }

BOSTON, January 1st, 1922.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Forty-eighth Annual Report of operations of the Department for the year ending December 31st, 1921.

### CALLS AND SERVICE

The department responded to 2,328 City boxes, 1,492 Verbal, 164 Boston Automatic Fire Alarms, 119 American District Telegraph, which includes 54 Sprinkler Breaks, 158 Sprinkler Troubles, Total 4103; also 58 Water Damages, Total calls 4161.

The service rendered was 79 fire extinguishers used, 6,025 covers spread on merchandise at fires and other calls, 374 covers on roofs, 27 covers protecting merchandise after fires from storms. Total covers used 6,426.

The hours service were 2,814.00 at fires, 195.53 protecting merchandise &c after fires, and 3,465.43 privates detailed after fires. Total 6,475.36.

OF THE 5,268 ALARMS, 3,320 ALARMS OR 63.02 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$4,017,158.64 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings .....	\$ 1,251,780.47	\$162,577.46	\$1,414,357.93
Contents .....	2,499,081.09	94,693.13	2,593,774.22
Rents .....	6,957.87		6,957.87
Vessels .....			
Cargoes .....	698.62	1,370.00	2,068.62
Totals .....	\$3,758,518.05	\$258,640.59	\$4,017,158.64

### WATER DAMAGE OTHER THAN FIRES.

	Losses		Total
	Insured	Not Insured	
Building .....		\$3,080.00	\$3,080.00
Contents .....	\$429.40	8,022.00	8,451.40
	\$429.40	\$11,102.00	\$11,531.40

Total calls, 58 (44 with losses). On duty 55h. 36m. Covers spread 131.

SUPERINTENDENT  
CAPTAINS  
FIRST GRADE PRIVATES

$$\begin{array}{r} 1 \\ 2 \\ 2 \\ \hline 76 \end{array}$$

		Co.No. 1	Co.No. 2	Co.No. 3
Responses to Alarms.	{ City Boxes.....	739	892	1136
	{ Still .....	530	424	596
	{ Automatic .....	108	70	12
	{ A. D. T.....	72	52	15
Totals .....		1449	1438	1759
Responded to by	{ Automobile .....	1098	1438	1651
	{ Privates in outlying districts....	468	.....	178
Hours Duty	{ At fires and responding to calls	836.09	869.45	1108.06
	{ Assisting Fire Department....	48.30	97.22	48.40
	{ After fires protecting mdse.....	1656.46	1245.24	561.45
	{ Detail after fires .....			
Totals .....		2541.25	2212.31	1718.31
Covers Used	{ At fires and sprinkler calls.....	2638	1904	1583
	{ On roofs after fires.....	62	85	227
	{ Protecting mdse. after fires.....	5	9	13
Totals .....		2705	1998	1823
Extinguishers used .....		11	33	35
<i>The Second Section was called in service as follows:</i>				
		Co. No. 1	Co. No. 2	Co. No. 3
On First Alarms	{ When first out section was at fire	31	104	129
	{ When both sec. were at previous fire	2	13	6
On Second Alarms	{ While cov. adj. company district	6	26	9
	{ At night.....	5	11	13
On Telephone calls.....	{ Voluntarily during daytime....	0	0	0
		8	5	7
On Messenger calls.....		3	0	0
To Cover	Adjoining company district....	25	180	53
Totals .....		80	339	217
		Co.No.1	Co.No.2	Co.No.3
No. fires at which roofs were protected .....		26	39	90
No. days on which one or more aux. men were retained on day duty after a fire.....		102	116	57
No. extra hazardous days when aux. force was retained on duty.....		2	2	0

## SPRINKLER RECORD. FIRES.

Sprinklers Operating			Heads	Sprinkler Heads Replaced			Heads	Where Sprinkler Heads Operated	Floors	Condition of System when left	No.	
68	Fires of	1 head each	68	31	Fires of	1 head each	31	Sub-Basement	2	O. K. Partially Shut Off	90 4 16	
20	"	" 2 heads "	40	9	"	" 2 heads "	18	Basement	39			
8	"	" 3 " "	24	5	"	" 3 " "	15	First-floor	19			
3	"	" 4 " "	12	2	"	" 4 " "	8	Second "	13			
1	"	" 5 " "	5	1	"	" 7 " "	7	Third "	11			
2	"	" 6 " "	6	1	"	" 8 " "	8	Fourth "	11			
1	"	" 7 " "	14	1	"	" 9 " "	9	Fifth "	8			
1	"	" 8 " "	8	1	"	" 10 " "	10	Sixth "	5			
1	"	" 9 " "	9	1	"	" 22 " "	22	Seventh "	2			
2	"	" 10 " "	20									
1	"	" 11 " "	11									
1	"	" 22 " "	22									
1	"	" 45 " "	45									
110	Totals			284	Totals			128	Totals		110	

## RUPTURED HEADS AND PIPES.

Sprinklers Ruptured		Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off
30	Breaks of 1 head ea.	30	Water freezing in heads	8	Condition	8		
1	" " 2 heads ea.	2	" " "pipes	2	"		1	1
15	Breaks " Pipes		" " "couplings	1	"		1	
2	" " "Couplings		" " "elbows	4	"	1	2	1
5	" " "Elbows		" " "valve	1	"			1
1	" " "Valves, check		Striking heads	8	"	5		3
			" " pipes	8	"	3		5
			Defective Heads	13	"	13		
			" " Couplings	1	"		1	
			" " Elbows	1	"	1		
			" " Pipes	1	"	1		
			Unknown	6	"	2	1	3
54	Totals	32	Totals	54	Totals	34	6	14

## DUTY PERFORMED

Hours service 47 h. 53m.

Covers spread 105

## TROUBLES.

Alarm pots, defective.....	4
" mistaken for sprinkler (burglar) .....	1
Defective pipes (drip) .....	1
" transmitter .....	3
" valves (drip) .....	2
Opening and closing valves (1 floor, 1 tank, 1 cold weather, 1 dry pipe)	4
Pet cock left open (gauge to pressure tank).....	1
Short circuit in alarm wires.....	1
Water hammer.....	50
" in dry pipe system.....	37
Working on system.....	10
Unknown .....	44
Total .....	158

## DUTY PERFORMED

Hours service 74 h.

Detailed duty 63 h. 26m.

Covers spread 12



# DISTRICTS WHERE FIRES OCCURRED OR ALARMS WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	1970
Roxbury District.....	602
Charlestown.....	261
East Boston.....	341
South Boston.....	338
Dorchester.....	739
West Roxbury.....	472
Brighton.....	329
Hyde Park.....	205
Boston Harbor.....	3
Brookline.....	2
Cambridge.....	1
Chelsea.....	1
Dedham.....	1
Everett .....	1
Quincy .....	1
Somerville.....	1
Total.....	5,268

## WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day	
1921					
January .....	512	Monday .....	619	Day Service	6 to 7 A.M. ... 72
February .....	317	Tuesday .....	780		7 to 8 " ..... 93
March .....	533	Wednesday .....	746		8 to 9 " ..... 152
April .....	378	Thursday .....	712		9 to 10 " ..... 190
May .....	342	Friday .....	774		10 to 11 " ..... 259
June .....	662	Saturday .....	799		11 to 12 Noon. .... 261
July .....	402	Sunday .....	838		12 to 1 P. M. .... 310
August .....	376			Night Service	1 to 2 " ..... 330
September .....	404				2 to 3 " ..... 364
October.....	469				3 to 4 " ..... 336
November .....	347				4 to 5 " ..... 364
December .....	526				5 to 6 " ..... 385
Totals.....	*5268		*5268		6 to 7 " ..... 302
					7 to 8 " ..... 308
					8 to 9 " ..... 328
					9 to 10 " ..... 274
					10 to 11 " ..... 216
					11 to 12 Midnight. ... 176
					12 to 1 A. M. .... 137
					1 to 2 " ..... 107
					2 to 3 " ..... 88
					3 to 4 " ..... 77
					4 to 5 " ..... 64
					5 to 6 " ..... 75

\*7 Fires extinguished by occupants are included in these totals.



# STATEMENT BY MONTHS

Of Alarms for Fires Responded to by One or More Companies of this Department, Together with Other Statistics

Months.	Alarms attended by this Dept.			Extinguished by occupant.	Water Damage Calls.	Still Alarms attended by Fire Department only.	Total Alarms.	Sprinklers operated on fires.	Sprinkler breaks or defects.	Alarms for fires on vessels	Covers Spread			Extinguishers used.	Duty at fire and responding to calls		Duty after fires.		Detail after fires.
	City Boxes.	Still.	Automatic.								At fires and sprinkler calls.	On roofs after fires.	Protecting mde. after fires.		Hrs. m	Hrs. in	Hrs. m	Hrs. in	
Jan. 1921	225	147	14	11	6	113	517	67	24	1	914	28	0	4	358.30	31.09	505.14		
Feb. "	139	98	13	16	6	50	318	24	22	0	221	15	4	7	218.00	8.57	334.08		
Mar. "	190	134	12	17	6	190	535	10	12	2	497	22	2	6	236.23	11.47	221.51		
April "	178	85	10	10	6	94	380	43	12	0	593	43	9	8	227.59	39.47	231.03		
May "	134	111	10	10	6	76	346	14	17	1	424	38	0	0	197.49	14.41	269.23		
June "	307	146	15	17	1	186	666	12	13	2	413	53	0	17	266.04	14.26	362.07		
July "	158	134	20	14	18	78	420	10	23	2	269	23	9	3	169.33	5.45	295.08		
Aug. "	169	112	11	14	3	68	379	6	27	2	329	12	0	4	155.15	4.47	254.41		
Sept. "	199	102	13	17	3	79	407	19	15	2	570	27	2	5	223.35	17.16	234.39		
Oct. "	231	127	13	17	1	91	470	21	14	0	400	37	0	6	243.58	11.08	164.49		
Nov. "	176	111	12	8	4	37	349	8	13	0	465	23	0	14	201.30	14.40	241.20		
Dec. "	222	185	21	5	7	90	531	47	20	2	983	53	1	5	315.24	20.90	351.20		
Totals	2,428	1,492	164	119	58	1,150	5,318	271	212	17	6,025	374	27	79	2,814.00	195.53	3,465.43		

\* 8 Alarms for assistance from other cities and towns not included.

## GRADE OF LOSSES FOR 1920.

3320	Alarms with no loss		
800	Fires with loss under \$100		\$31,441.96
604	“ “ “ from \$100 to \$500		140,003.22
162	“ “ “ “ \$500 to \$1,000		110,867.75
223	“ “ “ “ \$1,000 to \$5,000		506,324.48
52	“ “ “ “ \$5,000 to \$10,000		350,912.82
25	“ “ “ “ \$10,000 to \$15,000		286,854.03
	Over \$15,000		
1	Jan. 1, 1921, 87-93 Albany & 73 Harvard Sts., Standard Bottling & Ex-		
1	“ 2, “ tract Co., et al		113,135.75
1	“ 3, “ 332 A St., Crown Cork & Seal Co., et al		75,601.94
1	“ 12, “ 80-6 Washington St., Wadsworth Howland, et al		16,170.18
1	“ 16, “ 208-10 Milk & 105 Central Sts., M. F. Driscoll, et al		22,669.02
1	“ 18, “ 48-51 Canal St., C. C. Bailey, et al		41,695.51
1	“ 24, “ 400 Washington St., Brighton Congregational Church		88,418.00
1	“ 8, “ 41-3 Fulton St., Italian Importing Co., et al		42,584.98
1	Feb. 8, “ 128-34 Harvard Ave., H. G. Antony, et al		38,505.75
1	“ 8, “ 102-8 Mass. Ave., Newbury Shoe Co., et al		32,453.75
1	“ 20, “ 190-2 Lincoln St., M. Orlick		49,350.38
1	“ 20, “ Off Damon St., B. F. Sturtevant Co.		39,017.21
1	“ 21, “ 1-2 Blackstone St., Cudahy Packing Co., et al		37,914.33
1	“ 21, “ 481-3 Neponset Ave., Boston Elevated Railroad, et al		277,531.93
1	“ 21, “ 935 Washington St., M. Zeit & J. Masesco, et al		17,915.91
1	“ 22, “ Rear 1250 Columbus Ave., Roessle Brewery Co., et al		25,953.00
1	“ 26, “ 12 Brookledge St., G. Morton		15,537.04
1	Mar. 4, “ Amory St., Boston Elevated Railroad, et al		369,864.40
1	“ 19, “ 2148-56 Washington St., Zonis Brothers, et al		17,696.90
1	“ 20, “ 82 North St., Mohawk Packing Co.		18,073.88
1	April 11, “ 64 Endicott St., Zest Chocolate Co., et al		39,400.55
1	“ 13, “ 361 Mass. Ave, Dr. C. Darlem, et al		25,243.00
1	“ 14, “ 114-22 South St., W. B. Jones Leather Co., et al		59,619.83
1	“ 15, “ 145-9 Kingston & 30-2 Edinboro St., S. Goldstein, et al		93,829.24
1	“ 15, “ 121-8 Summer St., Chandler & Barber Co., et al		57,528.47
1	May 5, “ 257-61 Maverick St., G. R. Hobbs, et al		29,786.30
1	“ 5, “ 356-8 Atlantic Ave., Fosters Whf. Corp., et al		20,694.83
1	“ 18, “ 82-86 Fulton St., D. Goodnow, et al		51,717.03
1	“ 20, “ Deer Island, Boston Harbor, City of Boston		20,000.00
1	June 1, “ Dover St. Bridge, City of Boston		40,085.84
1	“ 26, “ 21-3 Stanhope St., Tower, Talbot & Hifer, et al		17,481.34
1	“ 28, “ 67-71 South St., A. C. Ratchesky, et al		430,501.19
1	July 9, “ 60-8 Chauncey & 51-3 Bedford Sts., Weeks, R. E. Trust, et al		57,553.49
1	“ 18, “ Off Hamblen St., C. Charlestown Gas & Elec. Light Co.		29,258.40
1	Aug. 15, “ 10-12 Farnham St., R. J. L. Snyder, et al		18,411.09
1	“ 23, “ 280-92 Commercial & 311-19 North Sts., C. E. Cotting Est., et al		19,627.64
1	“ 28, “ 68 Hudson St., St. John of Damascus Society, et al		20,148.00
1	Sept. 19, “ 113-17 Causeway St., N. E. Trust, et al		60,721.51
1	Oct. 15, “ New Allen St. & 1415 Hyde Park Ave., City of Boston		21,000.00
1	“ 31, “ 25-31 Essex St., Cosmopolitan Trust Co., Storage		15,569.00
1	“ 31, “ 10 Hampden St., Rox. Chadwick Boston Lead Co.		18,508.05
1	Dec. 2, “ 498-506 Commercial St., Bloom Wool Stock Co., et al		27,607.12
1	“ 29, “ 332 Washington St., F. L. Dunne, et al		16,140.76
1	“ 29, “ 11-22 South St., Burke Bros. Corp, et al		23,345.32
1	“ 31, “ 200 Hanover St., Daniels & Wilson, et al		27,830.00
5230			4,008,132.15
7	Marine Losses		2,068.62
5237			4,010,200.77
	Rent Losses		6,957.87
31	Sprinkler Losses (no fire)	\$16,379.31	4,017,158.64
5268			

CAUSES OF ALARMS AND OF FIRES WITH LOSS  
DURING 1921.

	Alarms	Fires with Loss
a1 Assistance beyond City Limits.....	8	
Arson .....		
Ashes.....		
Benzine.....		
Boilers.....		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective	233	51
Cigars, Cigarettes and Pipes.....		
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity .....	211	72
4 Explosions .....	137	70
5 Exposure .....	117	103
5a False and Needless Alarms.....	210	
6 Fireworks, Fire Crackers, Balloons, etc.....	58	38
Flues .....		
7 Friction—Sparks—Occasioned by running machinery, in-		
cluding Pickers, Carding Machines, Gins, etc.....	25	11
Furnaces .....		
Gas .....		
8 Gas—Natural and Artificial .....	34	20
Gasolene .....		
9 Hot Ashes and Coals.....	81	30
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	64	14
11 Hot or Molten Metal.....	16	9
Hot Water Pipes.....		
12 Incendiarism .....	21	16
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodde.....		
14 Lightning—buildings not rodde.....	11	8
Locomotives.....		
15 Matches .....	789	513
16 Miscellaneous—Cause known but not Classified.....	228	20
17 Open Fires .....	68	1
18 Open Lights.....	167	107
19 Petroleum and its products.....	66	40
Pickers .....		
Railroad .....		
19a Rckindling of a previous fire.....	7	1
20 Rubbish and Litter.....	1108	3
21 Smoking .....	380	236
22 Sparks—Arising from combustion.....	199	133
23 Sparks on Roof.....		
24 Spontaneous Combustion.....	86	45
24a Sprinklers .....	212	31
Stacks .....		
25 Steam and Hot Water Pipes.....	11	4
26 Stoves, Furnaces, Boilers and their pipes.....	378	90
Stove Pipes .....		
27 Unknown .....	343	275
28 Unknown origin but investigation important.....		
Totals.....	5268	1941

This table includes 1150 fire department still alarms of which we were not notified, 7 fires for which no alarms were given but which were extinguished by occupants.

# STATEMENT BY MONTHS OF INSURANCE AND LOSSES.

Months	Buildings		Contents				Rents		Vessels		Sprinkler Losses (no fire)	
	Insurance	Loss Insured.	Loss not Ins.	Insurance.	Loss Insured.	Loss not Ins.	Insurance.	Loss	Insurance.	Loss	Insurance	Loss
Jan. 1921	\$2,640.191.58	\$223,048.22	\$67,341.24	\$2,311,769.89	\$326,454.84	\$29,092.84	\$37,230.00	\$519.96			\$49,000.00	\$1,375.00
Feb. "	3,023.899.00	156,882.16	3,939.72	3,938,632.00	453,539.82	7,023.50	18,000.00	150.00				15.00
Mar. "	3,410.376.00	143,388.84	3,764.54	2,486,350.00	397,429.81	3,310.00	25,000.00	200.00				27.00
April "	2,989,358.00	188,366.53	11,703.56	3,362,908.00	254,418.85	3,958.00	1,700.00	99.56			484,500.00	418.17
May "	2,240.623.00	193,667.60	16,976.80	3,585,224.00	102,721.01	7,791.76			\$200.00			25.00
June "	6,245.635.00	74,684.47	40,720.60	1,848,050.00	438,745.90	2,731.05	7,000.00	4,410.08	15,000.00			65.00
July "	4,098,085.00	70,061.95	210.00	847,000.00	76,208.70	2,731.50					507,700.00	5,055.01
Aug. "	2,623,045.00	53,943.09	1,249.00	689,737.00	49,295.34	3,615.00	5,000.00	52.23	25,000.00			162.00
Sept. "	3,368,261.00	68,540.96	936.13	1,526,650.00	107,360.69	13,601.00	12,000.00	1,007.80	255.00		25,000.00	2,500.00
Oct. "	3,758,218.00	68,096.41	17,785.87	746,350.00	54,348.40	5,216.25			1,000.00		16,800.00	5,837.13
Nov. "	3,172,454.00	60,120.68	575.00	645,400.00	72,871.72	4,098.66	30,900.00	488.24				125.00
Dec. "	6,951,916.00	121,719.56	375.00	2,843,050.00	165,685.81	6,877.57						775.00
Totals	\$15,920,724.58	\$1,251,780.47	\$162,577.46	\$21,831,120.89	\$2,499,031.09	\$94,693.13	\$136,830.00	\$6,957.87	\$40,000.00	*\$2,068.62	\$1,088,000.00	\$16,379.31

\*Loss on Vessels not insured \$2,150.00.

\*Insured loss on Vessels \$139,600.00.

STATISTICS FOR YEAR ENDING  
DECEMBER 31, 1921

Population .....	748,143	
Area Square Miles.....	47.81	
Number of Brick, Stone, Concrete, Steel frame, B, etc. 32,731		*109,167
“ “ Wooden Buildings.....	76,436	
“ “ Alarms, exclusive of False and Needless.....	4,840	5,268
“ “ False and Needless Alarms.....	208	
“ “ Calls to assist other Cities and Towns.....	8	
“ “ Sprinkler System breaks and defects.....	212	
“ “ Fires in Brick and Stone Buildings.....	1,750	4,840
“ “ Fires in Wooden Buildings.....	1,267	
“ “ Fires in Concrete Blocks.....	37	
“ “ Fires in Fireproof.....	1	
“ “ Fires in Ironclad.....	6	4,840
“ “ Fires in Reinforced Concrete.....	41	
“ “ Fires not originating in Buildings.....	1,738	
“ “ Fires confined to floor where fire ....		
originated.....	2,725	3,102
“ “ “ confined to Building but not		
to floor of origin.....	257	
“ “ “ extending to adjoining Build-		
ing.....	97	4,840
“ “ “ extending beyond adjoining		
Building .....	23	
“ “ “ originating in Automobiles..	231	
“ “ “ not originating in Buildings	1,467	1,733
“ “ “ not originating in, but invol-		
ving Buildings .....	40	

\* January 1, 1922. By courtesy of City of Boston Building Department.

	Buildings includ- ing Docks, Vessels, Tank and Per- manent Fixtures.	Contents	Total
Total Insurance on the property on which claim for loss was made .....	\$45,960,724.58	\$21,831,120.89	\$67,791,845.47
Total Insurance Loss....	1,252,479.09	2,499,081.09	3,751,560.18
Total Loss (insured and uninsured) .....	1,416,426.25	2,593,774.22	4,010,200.47
Rents insured.....			6,957.87
Losses on buildings and contents in which fires originated, i.e., direct losses .....	1,380,912.21	2,552,126.39	3,933,038.60
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	35,514.04	416,647.83	77,161.87



### Review of grade of losses for ten years

Years	Total Al'm.	No Loss	Under \$100	\$100 to 500	\$500 to 1000.	\$1000 to 5000.	\$5000 to 10,000	\$10,000 to 15,000	Over 15,000
1912	5420	2985	1234	686	196	217	52	19	31
1913	4947	2811	1048	588	185	217	44	15	39
1914	5679	3345	1118	628	238	261	35	15	39
1915	5532	3280	1044	641	207	251	45	18	29
1916	4656	2742	930	549	155	197	44	7	32
1917	5025	2996	981	605	159	199	31	12	42
1918	5433	3617	892	531	115	191	30	10	35
1919	5647	3687	903	574	155	208	30	17	26
1920	4688	2928	780	536	135	223	37	15	34
1921	5268	3320	*820	*612	*167	*227	*53	25	44

\*31 Sprinkler losses included, viz., 17 under \$100. 6 from \$100 to \$500.  
4 from \$500 to \$1,000. 3 from \$1,000 to \$5,000. 1 from \$5,000 to \$10,000.

### Review of total alarms, fires with loss, loss, average loss of total alarms, and average loss of fires with loss, for ten years

Years.	Total Alarms.	Fires with Loss	Loss.	Average Loss of Total Alarms.	Average Loss of Fires with Loss.
1912	5,402	2,417	\$2,530,475.47	\$468.43	\$1,046.94
1913	4,947	2,136	4,254,847.91	868.17	1,991.97
1914	5,679	2,319	3,044,626.94	536.12	1,312.90
1915	5,532	2,243	3,004,599.48	543.13	1,339.54
1916	4,656	1,914	2,473,801.16	531.31	1,292.47
1917	5,025	1,955	4,056,887.34	807.34	2,075.13
1918	5,433	1,774	2,827,612.34	520.45	1,593.92
1919	5,647	1,921	2,581,085.15	457.07	1,343.61
1920	4,688	1,707	3,143,528.89	670.54	1,841.55
1921	5,268	†1,910	4,017,158.64	762.56	2,103.22

The above tables include Still Alarms.

† Does not include 31 Sprinkler losses.

In conclusion, I desire to express my sincere thanks to all departments or persons who have in any way assisted this Department during the past.

Respectfully submitted,

H. E. THOMPSON,

*Superintendent of Department*

## MEDICAL EXAMINER'S REPORT

1921

HENRY E. THOMPSON,

*Supt. Boston Protective Department.*

*Dear Sir*—Your Medical Officer respectfully submits the following report for the year ending December 31, 1921:

Applicants examined.....	48
Promotions. Examinations for.....	23
Members. Visits to sick.....	55
Members. Visits to injured.....	13
Physicians reports. Attending.....	106
Special reports.....	3
Certificates. Return to duty.....	59
Applicants rejected due to physical disabilities.....	6

W. F. TEMPLE Jr., M. D.

*Medical Officer, Boston Protective Department.*

## DESCRIPTIVE LIST OF MOTOR WAGONS &amp; CARS

Relation	Put in Service.	Maker's name	No.	Cooling System	Cylinders.		Wheel Base.	Tire size.		Weight Loaded.	Company Assigned	Remarks.
					No. Size.	H.P.		Front.	Rear.			
+3	Oct. 17, 1910	Knox Auto. Co.	3788	W	4	5½	48	38 x 7	40 x 8	11,000	2	
4	Jan 8, 1912	"	4480	W	4	5½	48	38 x 6	Dbl. Blk.	13,500	2	
*5	Aug. 7, 1912	The White Co.	15218	W	4	4¼	28	38 x 7	40 x 8	9,730	3	
7	Nov. 10, 1914	The White Co.	21625	W	6	4¼	43	38 x 7	40 x 8	10,590	1	
8	" "	"	21626	W	6	4¼	43	38 x 7	40 x 8	10,530	1	
9	" "	"	21628	W	6	4¼	43	38 x 7	40 x 8	10,375	3	
10	Aug. 18, 1916	"	26414	W	6	4¼	43	38 x 7	40 x 8	10,700	...	Unassigned
12	Mar. 30, 1916	The White Co.	42874	W	6	4¼	43	38 x 7	40 x 8	10,400	...	Unassigned
13	Sep. 19, 1919	"	51184	W	4	3¾	22	38 x 7	40 x 8	10,700	...	Supply car
14	Sept. 4, 1920	Ford	4051284	W	4	3¾	22	30 x 3½	32 x 4½	...	3	
C	Nov. 3, 1920	The Buick Co.	735644	W	6	3¾	27	34 x 4½	31 x 4½	...	S	

W — Water.

+ — Knox 3788 Rebuilt 1915.

\* — White 15218 " 1917.

S Superintendent

## CALLS RESPONDED TO AND MILES TRAVELLED

No.	Years	1920		Totals	
		Calls	Miles	Calls	Miles
3	1910-1920 Inclusive	6,849	15,902.1	6,862	15,949.5
4	1912-1920 "	6,882	2,192.7	6,882	2,192.2
5	1912-1920 "	6,050	25,531.7	6,826	26,212.0
7	1914-1920 "	3,223	5,030.0	3,725	6,048.9
8	1914-1920 "	3,263	5,263.2	3,875	6,487.0
9	1914-1920 "	3,466	20,779.9	4,520	25,810.0
10	1916-1920 "	2,705	16,971.3	2,929	12,169.3
12	1918-1920 "	2,506	16,871.3	2,836	12,873.0
13	1919-1920 "	1,583	9,523.7	2,751	6,393.5
14	1920	.....	263.0	.....	1,993.9
C	1920	.....	1,765.6	.....	9,371.6



**COMMONWEALTH OF MASSACHUSETTS  
SUFFOLK COUNTY**

**Probate Court and Court of Insolvency, Boston**

February 25, 1921

Chief of Boston Protective Department,  
Boston, Massachusetts.

Dear Sir:—

I wish to express to you the sincere thanks of myself and my family for the very efficient services rendered by the Protective Department at the fire which took place in my home at number 29 Wallingford Road, Brighton, last Friday, February 18th. I feel that the insurance underwriters also owe them a great deal of thanks for the great pains which they took to protect the house and the personal property. My sister-in-law, Miss Barr, was present and saw them work, and she feels that their work was extraordinary, and she is not given to exaggeration. If you will extend to the men who took part in the protection of the property and to the Protective Department itself our sincere thanks, we will appreciate it very much.

Yours very truly,

ARTHUR W. DOLAN

**BOSTONIAN SOCIETY**  
**Memorial Halls, Old State House**

Boston, Mass., April 21, 1921

Supt. Boston Protective Department.

Dear Sir:—

I take pleasure in sending you enclosed a copy of a vote passed by the Directors of the Bostonian Society, at a special meeting held April 16th last.

Yours truly,

CHARLES F. READ, Clerk

The Directors of the Bostonian Society, at a special meeting held on Saturday, April 16, 1921, unanimously voted to place upon their records their high appreciation of the admirable and efficient manner in which the Fire Department, the Protective Department and the Police Department of the City of Boston handled the fire in the Old State House on the night of Wednesday, April 13.

Not only the prompt and able way in which they extinguished the fire and prevented it from destroying the ancient historic building, but the prompt and careful manner in which the Protective Department covered and protected the irreplaceable collections inside the building, deserves praise. By their action, by far the greater part of the collections were saved, and much less damage done than might have been expected.

The Directors are most grateful and wish it generally known how efficient the departments were.

The Directors voted that a copy of this vote be sent to each of the three departments and a copy given to the press.

A true copy attest.

CHARLES F. READ, Clerk.

**STICKNEY & POOR SPICE CO.**  
**182 and 184 State Street, Boston**

Boston, September 19, 1921

Mr. Henry E. Thompson,  
40 Purchase Street,  
Boston, Mass.

Dear Sir:—

Our superintendent, Mr. Bennett, has already written you on the subject of the fire at our factory, Friday night, September 16th. Our company desires to thank you even more formally for the most efficient work done for us. Your men were on the spot at a very early moment. Because of their careful work, we escaped a much larger damage.

The writer's brother, Hon. John R. Murphy, Fire Commissioner of Boston, advises us over the telephone that the Boston Firemen's Relief Fund is for the benefit of your Department as well as the regular Fire Departments of the city. Because of this advice, we are sending our contribution, \$100.00, to him direct. We are also sending him a copy of this letter.

Yours very truly,

**STICKNEY & POOR SPICE COMPANY**  
JAMES S. MURPHY, President.

**THE MODERN PRISCILLA**  
**85 Broad St., Boston 9, Mass.**

March 7, 1921

Boston Protective Department,  
40 Purchase Street,  
Boston, Massachusetts.

Gentlemen:—

We wish you to know that we much appreciated the work done in our establishment yesterday by the men of the Protective Department when a slight fire on the top floor threatened considerable water damage for us. Through the efficient work of your men this damage was kept down to a minimum.

Appreciatively yours,

C. B. MARBLE, Assistant General Manager

Put in service.....	Nov. 10, 1914.	Nov. 10, 1914	Oct. 17, 1910	Jan. 8, 1912	Aug. 7, 1912	Nov. 10, 1914	Aug. 8, 1916	Mar. 30, 1918	Sept. 19, 1919	Sept. 4, 1920	Nov. 3, 1920
Makers.....	The White Co.	The White Co.	Knox Motor Co	Knox Motor Co.	The White Co.	The White Co.	The White Co.	The White Co.	The White Co.	Ford	The Buick Co.
Company Nos.....	1.	1a.	2.	2a.	3.	3a.	26414	42874	31184	4051284	717699
							Unassigned	Unassigned	Unassigned	Service	
Expense.....	1921	1921	1921	1921	1921	1921	1921	1921	1921	1921	1921
<b>Body—</b>											
Repairs .....	\$ .....	\$ 1.60	\$ 8.00	\$ .....	\$ .....	\$ .....	\$ .....	\$ .....	\$ .....	\$ .....	\$ .....
Painting .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75.00
Bell .....	19.15	15.50	.....	.....	.....	.....	.....	5.00	36.15	.....	4.00
<b>Chassis—</b>											
Repairs .....	115.11	186.57	6.00	.....	108.60	91.19	86.14	51.11	346.44	.57	81.50
Shock Absorber .....	5.00	..	.....	.....	16.98	.97	1.00	.....	.90	.....	30.00
<b>Electric—</b>											
Lighting .....	45.78	85.77	..	.....	29.26	57.91	15.58	11.88	.....	.....	.....
Starting .....	27.05	.20	.....	.....	88.33	8.25	1.06	7.14	19.42	14.50	11.58
Batteries .....	73.09	1.54	.....	.....	90.45	.50	116.45	72.11	64.15	.....	44.15
<b>Engine—</b>											
Repairs .....	212.95	508.98	173.61	.....	271.00	103.01	119.74	2.35	90.24	31.35	217.39
<b>Cases—</b>											
New .....	.....	52.50	.....	.....	233.95	155.00	111.81	.....	42.00	26.25	233.97
Repairs .....	1.50	7.00	.....	.....	.....	17.00	.....	.....	.....	.....	.....
<b>Tubes—</b>											
New .....	.....	5.23	.....	.....	14.25	27.18	20.91	.....	8.10	2.10	5.27
Repairs .....	1.00	1.50	.....	.....	6.10	1.90	.....	.....	.....	.....	7.35
<b>Rims—</b>											
New .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Repairs .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Chains, etc.</b>											
Chains .....	.....	.....	.....	.....	15.17	15.17	.....	10.00	22.00	13.54	8.00
Hooks .....	.....	.....	.....	.....	6.03	6.04	.....	.....	.....	2.73	.....
<b>Accessories</b>											
.....	11.20	1.25	7.50	.....	12.61	.....	33.90	14.81	22.80	6.42	24.95
<b>Totals.....</b>	<b>\$515.16</b>	<b>\$1,167.64</b>	<b>\$195.11</b>	<b>\$ .....</b>	<b>\$995.06</b>	<b>\$484.12</b>	<b>\$515.92</b>	<b>\$171.79</b>	<b>\$652.50</b>	<b>\$104.96</b>	<b>\$711.90</b>

#### SUPPLIES AND TOOLS

	Co. No. 1	Co. No. 2	Co. No. 3	
Gasoline .....	\$329.00	\$391.00	\$930.00	\$1650.00
Oil .....	76.46	69.70	357.33	503.49
Grease .....	15.00	45.72	9.25	69.97
Soap .....	23.36	19.18	34.20	77.04
Polish .....	16.25	15.00	10.00	41.25
Tools new and repair .....	26.64	22.61	26.26	75.54
<b>Totals.....</b>	<b>\$186.71</b>	<b>\$563.54</b>	<b>\$1367.04</b>	<b>\$2417.29</b>

Bost

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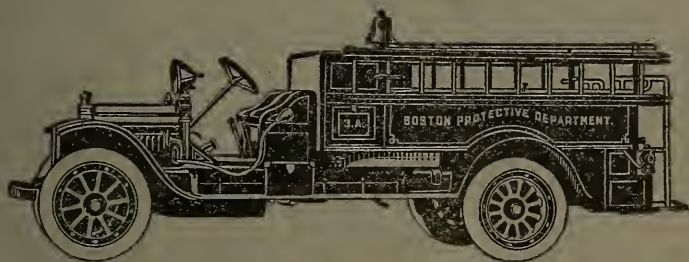






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Boston Protective Department



FORTY-NINTH

ANNUAL REPORT

FOR THE CALENDAR YEAR

1922



FORTY-NINTH  
ANNUAL REPORT

OF THE

**Boston Protective Department**

FROM

January 1, 1922 to January 1, 1923

c

# OFFICERS

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*President:*

HENRY M. FENTON

*Vice-President:*

C. H. J. KIMBALL

*Directors:*

TO SERVE UNTIL MARCH, 1923

JOHN P. MEADE

C. H. J. KIMBALL

CHARLES A. HOWLAND

TO SERVE UNTIL MARCH, 1924

JOHN J. CORNISH

HENRY M. FENTON

A. W. HOLLIS

TO SERVE UNTIL MARCH, 1925

GEORGE W. BUNTIN

R. J. DUNKLE

WILLIAM GILMOUR

*Secretary-Treasurer:*

CHARLES W. GOODING

*Superintendent:*

H. E. THOMPSON

*Medical Officer:*

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1923.

TO THE MEMBERS OF THE  
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 49th Annual Report of the Department with the reports of the Superintendent, Treasurer, Medical Officer and statistical tables.

The Board recommends, first, that the active duties of the Department be continued for another year; second, that the Directors be authorized to expend for the maintenance of the Department during the year a sum not exceeding one hundred and eighty thousand dollars.

For the Directors,  
HENRY M. FENTON,  
President.

## TREASURER'S REPORT

CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR  
ENDING DECEMBER 31, 1922

## RECEIPTS:

Assessments .....	\$182,832.17	
Interest .....	819.63	
Special Service .....	2,661.99	
		<hr/> \$186,313.79

## EXPENDITURES:

Pay Roll and Salaries .....	\$138,474.07	
Repairs and Furnishings of Houses .....	514.38	
Telephone and Fire Alarm .....	880.14	
Water, Light and Fuel .....	4,637.03	
Printing, Stamps and Office Supplies ...	1,053.00	
Auto Supplies and Repairs .....	10,440.43	
Miscellaneous Department Supplies ....	2,558.23	
New Equipment and Furnishings .....	4,642.24	
Repairs of Equipment .....	262.31	
Rent and Taxes .....	5,707.83	
Compensation and other Insurance ....	8,229.28	
Sundries .....	797.70	
		<hr/>
Total Expenditures .....	\$178,196.64	
Balance, December 31, 1922 .....	8,117.15	
		<hr/> \$186,313.79

CHARLES W. GOODING. *Treasurer.*

Boston, January 25, 1923.

Audited and found correct

S. T. EMERY,  
WM. H. LORING,  
H. A. KNEELAND

} *Auditing Committee.*

## STATEMENT OF ASSESSMENTS MADE IN 1922

July 1, 1921, to December 31, 1921:

Premiums on Fire, Sprinkler  
and Water Damage . . . \$3,590,575.06 at 2 6/10% \$93,354.95

January 1, 1922, to July 1, 1922:

Premiums on Fire, Sprinkler  
and Water Damage . . . \$4,076,198.75 at 2 2/10% \$89,676.34  
\$183,031.29

Assessments not paid . . . . . 199.12  
\$182,832.17

July 1, 1922, to December 31, 1922:

Premiums on Fire, Sprinkler  
and Water Damage . . . . \$3,884,152.36 at 2 5/10% \$97,103.82

## SUPERINTENDENT'S REPORT.

HEADQUARTERS BOSTON PROTECTIVE DEPARTMENT. {  
OFFICE OF SUPT., No. 40 PURCHASE ST. }

BOSTON, January 1st, 1923.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Forty-ninth Annual Report of operations of the Department for the year ending December 31st, 1922.

### CALLS AND SERVICE

The department responded to 2,686 City boxes, 1,754 Verbal, 187 Boston Automatic Fire Alarms, 154 American District Telegraph, which includes 76 Sprinkler Breaks, 183 Sprinkler Troubles, Total 4781; also 40 Water Damages, Total calls 4821.

The service rendered was 96 fire extinguishers used, 7,672 covers spread on merchandise at fires and other calls, 438 covers on roofs, 63 covers protecting merchandise after fires from storms. Total covers used 8,173.

The hours service were 2,999.14 at fires, 184.44 protecting merchandise &c after fires, and 3,735.48 privates detailed after fires. Total 6,919.46.

OF THE 6,184 ALARMS, 4,048 ALARMS OR 65.46 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$3,331,485.17 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings .....	\$ 1,183,045.42	\$31,389.46	\$1,214,434.88
Contents .....	1,992,276.89	97,884.02	2,090,160.91
Rents .....	12,552.96		12,552.96
Vessels .....	13,841.42	495.00	14,336.42
Cargoes .....			
Totals .....	\$3,201,716.69	\$129,768.48	\$3,331,485.17

### WATER DAMAGE OTHER THAN FIRES.

	Losses	
	Not Insured	Total
Building.....	\$1,405.00	\$1,405.00
Contents.....	7,492.00	7,492.00
	\$8,897.00	\$8,897.00

Total calls, 40 (27 with losses). On duty 38h. 32m. Covers spread 93.



Co. No. 1. 40 Purchase St.	Total	Co. No. 2. 4 Appleton St.	Total	Co. No. 3. 159-161 Roxbury St.	Total	Grand Total
Captain E. Abbott.....	1	S. A. McDonnell...	1	A. F. Swift.....	1	3
Lieuts. { J. J. Carty.....		{ G. E. Blakely .....		{ M. J. Gleason.....		
{ J. F. Sullivan.....	2	{ J. S. Weir.....	2	{ B. J. McTernan...	2	6
First Grade Privates.....	12		8		10	30
Second " ".....	0		4		2	6
Third " ".....	1		6		2	3
Fourth " ".....	2		1		1	4
Fifth " ".....	0		0		0	0
Auxiliary ".....	11		10		0	21
Totals	29		26		18	73

## PENSIONERS

SUPERINTENDENT  
CAPTAINS  
FIRST GRADE PRIVATES

$$\begin{array}{r} 1 \\ 3 \\ 2 \\ \hline 79 \end{array}$$

## OPERATIONS OF THE DEPARTMENT.

		Co.No. 1	Co.No. 2	Co.No. 3
Responses to Alarms.	{ City Boxes.....	810	1026	1385
	{ Still .....	552	550	758
	{ Automatic .....	119	76	13
	{ A. D. T.....	108	62	21
Totals .....		1589	1714	2177
Responded to by	{ Automobiles .....	1302	1700	1968
	{ Privates in outlying districts....	499	.....	288
Hours Duty	{ At fires and responding to calls	729.28	1050.49	1218.57
	{ Assisting Fire Department....	54.46	87.22	42.36
	{ After fires protecting mdse.....	1214.28	1694.48	826.32
	{ Detail after fires .....	1998.42	2832.59	2088.05
Totals .....		1998.42	2832.59	2088.05
Covers Used	{ At fires and sprinkler calls.....	2917	2456	2299
	{ On roofs after fires.....	101	103	234
	{ Protecting mdse. after fires.....	21	13	29
Totals .....		3039	2572	2562
Extinguishers used .....		16	31	49
<i>The Second Section was called in service as follows:</i>				
		Co.No. 1	Co.No. 2	Co.No. 3
On First Alarms	{ When first out section was at fire	48	118	167
	{ When both sec. were at previous fire	0	14	14
On Second Alarms	{ While cov. adj. company district	8	46	5
	{ At night.....	9	10	11
On Telephone calls.....	{ Voluntarily during daytime....	0	0	1
		17	5	13
On Messenger calls.....		2	0	0
To Cover	Adjoining company district....	25	209	36
Totals .....		109	402	247
		Co.No. 1	Co.No. 2	Co.No. 3
No. fires at which roofs were protected .....		44	51	102
No. days on which one or more aux. men were retained on day duty after a fire.....		99	76	77
No. extra hazardous days when aux. force was retained on duty.....		11	2	0



# SPRINKLER RECORD. FIRES.

Sprinklers Operating	Heads	Sprinkler Heads Replaced	Heads	Where Sprinkler Heads Operated	Floors	Condition of System when left	No.
67 Fires of 1 head each	67	60 Fires of 1 head each	60	Sub-Basement	1	O. K.	105
*36 " " 2 heads "	72	30 " " 2heads "	60	Basement	43	Partially Operative	
8 " " 3 " " "	24	8 " " 3 " " "	24	First-floor	18	Shut Off	24
7 " " 4 " " "	28	6 " " 4 " " "	24	Second "	14		
2 " " 5 " " "	10	1 " " 5 " " "	5	Third "	20		
1 " " 6 " " "	6	1 " " 7 " " "	7	Fourth "	15		
†2 " " 7 " " "	14	1 " " 8 " " "	8	Fifth "	8		
1 " " 8 " " "	8			Sixth "	6		
1 " " 11 " " "	11			Seventh "	1		
1 " " 12 " " "	12			Eighth "	2		
1 " " 15 " " "	15			Roof	1		
1 " " 29 " " "	29						
1 " " 150 " " "	150						
129 Totals	446	Totals	188	Totals	129	Totals	129
* 1 Fire operated 3rd and 4th floors							
† 1 " " 2nd " 1st "							

## RUPTURED HEADS AND PIPES.

Sprinklers Ruptured	Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off
39 Breaks of 1 head ea.	39	Water freezing in heads	21	Condition	10	5	6
2 " " 2 heads ea.	4	" " " pipes	7	"	1	4	2
22 Breaks " Pipes		" " " couplings	3	"		1	2
3 " " Couplings		" " " elbows	8	"	3	2	3
10 " " Elbows		Striking heads	6	"	4		2
		" pipes	12	"	1	3	8
		Defective Heads	13	"	12		1
		" Elbows	2	"	1	1	
		Unknown	4	"	1		3
76 Totals	43	Totals	76	Totals	33	16	27

## DUTY PERFORMED

Hours service 53h. 58m. Detailed duty 22h. 15m. Extra service 2h. Covers spread 106

## TROUBLES.

Alarm pots, defective.....	9
" bells, " .....	1
Batteries .....	1
Closing and opening valves (1 section, 1 drip, 1 cold weather.....	3
Transmitter, striking.....	1
Transmitter, tripping.....	1
Water hammer.....	45
" in dry pipe system.....	52
Working on system.....	14
Unknown .....	56
Total .....	183

## DUTY PERFORMED

Hours service 88 h. 31m.

Detailed duty 26 h. 4m.

# DISTRICTS WHERE FIRES OCCURRED OR ALARMS WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	2121
Roxbury District.....	670
Charlestown.....	289
East Boston.....	372
South Boston.....	460
Dorchester.....	1010
West Roxbury.....	531
Brighton.....	416
Hyde Park.....	299
Boston Harbor.....	1
Brookline.....	4
Cambridge.....	5
Dedham.....	2
Somerville.....	2
Milton.....	2
Total.....	6,184

## WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day	
1922					
January .....	531	Monday .....	901	Day Service	6 to 7 A.M. .... 88
February .....	384	Tuesday .....	915		7 to 8 " .... 115
March .....	695	Wednesday .....	919		8 to 9 " .... 167
April .....	768	Thursday .....	701		9 to 10 " .... 214
May .....	616	Friday .....	890		10 to 11 " .... 270
June .....	398	Saturday .....	960		11 to 12 Noon .... 337
July .....	431	Sunday .....	898		12 to 1 P. M. .... 350
August .....	302				1 to 2 " .... 427
September .....	353				2 to 3 " .... 392
October.....	567				3 to 4 " .... 385
November .....	601				4 to 5 " .... 425
December .....	538				5 to 6 " .... 476
Totals.....	*6184		*6184	Night Service	6 to 7 " .... 399
					7 to 8 " .... 381
					8 to 9 " .... 371
					9 to 10 " .... 321
					10 to 11 " .... 239
					11 to 12 Midnight. .... 216
					12 to 1 A. M. .... 173
					1 to 2 " .... 130
					2 to 3 " .... 84
					3 to 4 " .... 80
					4 to 5 " .... 64
					5 to 6 " .... 80

\*5 Fires extinguished by occupants are included in these totals.

# STATEMENT BY MONTHS

Of Alarms for Fires Responded to by One or More Companies of this Department, Together with Other Statistics

Months.	Alarms attended by this Dept.			Extinguished by occupant.	Water Damage Calls.	Still Alarms attended by Fire Department only.	Total Alarms.	Sprinklers operated on fires.	Sprinkler breaks or defects	Alarms for fires on vessels	Covers Spread			Extinguishers used.	Duty at fire and responding to calls		Hrs. in	Detail after fires.	
	City Boxes.	Still.	Automatic.								A. D. T.	At fires and sprinkler calls.	On roofs after fires.		Protecting mds. after fires.	Hrs. m			Hrs. in
Jan. 1922	222	195	25	26	1	60	532	13	57	1	656	36	0	12	322.51	9.19	434.36		
Feb. "	187	146	11	13	0	26	384	14	20	2	799	27	1	15	293.27	17.58	374.27		
Mar. "	231	153	15	14	0	220	698	10	18	2	1075	47	1	5	321.15	27.10	355.55		
April "	252	166	10	18	2	278	767	9	19	1	428	40	1	3	260.40	10.50	340.32		
May "	252	154	14	12	2	181	618	7	14	0	474	76	15	3	223.17	16.01	123.14		
June "	183	102	21	17	0	84	402	8	14	3	571	24	0	3	201.10	20.34	713.36		
July "	207	131	15	13	0	65	434	6	16	1	471	42	1	3	196.52	7.43	319.18		
Aug. "	135	97	14	9	0	46	303	8	16	1	423	22	0	2	150.25	9.39	185.38		
Sept. "	172	100	16	7	0	58	356	8	13	1	423	22	0	11	150.19	6.55	146.35		
Oct. "	242	177	10	17	1	119	567	9	19	2	516	40	0	2	230.29	12.46	132.04		
Nov. "	261	159	15	17	0	158	605	16	21	0	668	31	29	8	274.16	18.15	239.33		
Dec. "	242	171	21	11	0	88	513	21	32	0	1168	31	16	11	374.13	27.31	430.20		
Totals	2686	1751	187	154	5	40	6209*	129	259	18	7672	438	63	96	2,990.14	184.41	3,735.48		

\* 15 Alarms for assistance from other cities and towns not included.

## GRADE OF LOSSES FOR 1922.

4048	Alarms with no loss				
869	Fires with loss under \$100				\$33,260.82
644	" " " " from \$100 to \$500				147,813.86
194	" " " " " \$500 to \$1,000				132,407.82
278	" " " " " \$1,000 to \$5,000				651,135.34
57	" " " " " \$5,000 to \$10,000				396,452.10
16	" " " " " \$10,000 to \$15,000				213,441.61
	Over \$15,000				
1	Jan. 14, 1922,	90-2 Essex St., Acorn Clothing Co., et al			15,257.48
1	" 20, "	99-105 Richmond St., R. Goodnow Est., et al			79,779.40
1	" 24, "	1028-44 Blue Hill Ave., S. Gorfey, et al			21,968.66
1	" 30, "	1090-1104 Commonwealth Ave., M. Straussel, et al			26,574.96
1	Feb. 1, "	6-7-8 Brighton Abbattoir, Lebanon Koshier Wurst Co.			45,480.82
1	" 7, "	Brighton Abbattoir, Brighton Dressed Beef Co., et al			55,497.17
1	" 9, "	262-6 Friend St., Aronson Bros., et al			36,829.30
1	" 13, "	39-41a Washington St., Royal Clothing Co., et al			20,602.60
1	" 20, "	779 Washington St., North, Daniels Printing Co., et al			20,798.19
1	Mar. 2, "	605-11 Washington St., Bowdoin Mfg. Co., et al			56,435.80
1	" 16, "	372-8 Boylston St., I. Schneider, et al			20,208.00
1	" 25, "	Rear 81 Wareham St., Gordon Supply Co., et al			170,559.55
1	" 30, "	7 Albany St., J. Pearl & Co.,			26,157.42
1	Apr. 29, "	39-43 Tremont St., Kimball Inc., Co., et al			76,453.57
1	May 18, "	49-51 Fulton St., Beacon Grocery Co., et al			41,089.76
1	" 24, "	154-60 Washington St., Smith Mfg. Co., et al			24,860.60
1	" 30, "	272 Border St., Acme White Lead Works			49,559.30
1	June 4, "	44-56 Pitts St., C. Bonanno Laundry Co., et al			17,205.17
1	" 10, "	168-70 A St., Blake, Boas & Kelligrew, et al			302,887.88
1	" 22, "	21-30 School St., Kriss Typewriter Co., et al			23,231.08
1	" 27, "	89-95 Chauncey St., G. S. Moloof & Son, et al			24,637.85
1	July 1, "	718 Commonwealth Ave., W. Kaplan, et al			16,418.94
1	" 13, "	Rear 100-2 Condor St., Boston & Lockport Block Co.			50,786.31
1	" 27, "	395 Boylston St., H. F. Miller & Sons, et al			26,160.28
1	Aug. 3, "	18-20 Oxford St., Standard Hat & Cap Co., et al			18,946.42
1	" 8, "	14-24 Federal & 123 Congress St., Harris Forbes Co., Inc.			24,805.20
1	" 18, "	93 Cummings St., Daly Plumbing Supply Co., et al			25,493.59
1	" 22, "	47 Union Ave., Atlantic Ice Cream Cone Co., et al			21,001.60
1	" 24, "	76-8 Westland Ave., S. Schlesinger Est., et al			18,866.00
1	Oct. 13, "	55-7 Causeway & 40 Lancaster Sts., American Syrup Co., et al			15,515.43
1	" 26, "	27 Scotia St., Edison Electric Ill. Co.,			15,000.00
1	Nov. 13, "	393-407 Dorchester Ave., Hunt Spiller Mfg. Co., et al			27,273.49
1	" 18, "	46-54 Bromfield St., Leonard Co., et al			100,554.21
1	" 28, "	44-8 Portland St., Louis Model Co., et al			23,234.08
1	Dec. 4, "	680-4 Washington St., C. & J. Hercovitz, et al			15,713.37
1	" 16, "	107-9 W. Brookline St., S. Alperin, et al			35,661.73
1	" 17, "	94-8 Washington St., Morse Office Equipment Co., et al			19,106.00
1	" 21, "	39 Newbury St., F. L. Dunne, et al			16,596.03
1	" 28, "	19-23 Damrell St., McClean Mfg. Co., et al			31,510.97
1	" 29, "	704-24 Washington St., R. B. Brighton Est., et al			71,366.03
6146					3,304,595.79
11	Marine Losses				14,336.42
6157					3,318,932.21
	Rent Losses				12,552.96
27	Sprinkler Losses (no fire)		\$22,707.26		3,331,485.17
6184					

# CAUSES OF ALARMS AND OF ALARMS WITH LOSS DURING 1922.

	Alarms	Alarms with Loss
a1 Assistance beyond City Limits.....	15	
Arson .....		
Ashes.....		
Benzine.....		
Boilers.....		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective Cigars, Cigarettes and Pipes.....	108	51
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity .....	252	102
4 Explosions .....	133	66
5 Exposure .....	81	74
5a False and Needless Alarms.....	254	
6 Fireworks, Fire Crackers, Balloons, etc.....	23	14
Flues .....		
7 Friction—Sparks—Occasioned by running machinery, in- cluding Pickers, Carding Machines, Gins, etc.....	13	6
Furnaces .....		
Gas .....		
8 Gas—Natural and Artificial .....	44	35
Gasolene .....		
9 Hot Ashes and Coals.....	80	28
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	99	20
11 Hot or Molten Metal.....	1	1
Hot Water Pipes.....		
12 Incendiarism .....	14	10
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodded.....		
14 Lightning—buildings not rodded.....	2	2
Locomotives.....		
15 Matches .....	759	518
16 Miscellaneous—Cause known but not Classified.....	323	60
17 Open Fires .....	38	
18 Open Lights.....	189	113
19 Petroleum and its products.....	110	61
Pickers .....		
Railroad .....		
19a Rekindling of a previous fire.....	9	7
20 Rubbish and Litter.....	1573	8
21 Smoking .....	422	256
22 Sparks—Arising from combustion.....	137	70
23 Sparks on Roof.....	95	74
24 Spontaneous Combustion.....	85	51
24a Sprinklers .....	259	27
Stacks .....		
25 Steam and Hot Water Pipes.....	34	21
26 Stoves, Furnaces, Boilers and their pipes.....	640	145
Stove Pipes .....		
27 Unknown .....	392	316
28 Unknown origin but investigation important.....		
Totals.....	6184	2136

This table includes 1383 fire department still alarms of which we were not notified, 5 fires for which no alarms were given but which were extinguished by occupants.



## STATEMENT BY MONTHS OF INSURANCE AND LOSSES.

Months	Buildings		Contents				Rents		Vessels		Sprinkler Losses (no fire)	
	Insurance	Loss Insured.	Loss not Ins.	Insurance.	Loss Insured.	Loss not Ins.	Insurance.	Loss	Insurance.	Loss	Insurance	Loss
Jan. 1922	\$4,222,053.33	\$136,668.64	\$2,266.28	\$2,105,506.58	\$158,431.45	\$18,091.17					\$203,700.00	\$7,634.61
Feb. "	5,595,950.00	131,532.18	4,179.36	5,204,166.00	234,913.88	5,483.53					13,000.00	559.40
Mar. "	4,214,704.00	122,959.00	4,825.13	2,170,436.00	320,543.40	9,223.14	\$187,700.00	\$4,880.09				
Apr. "	2,631,929.00	65,817.83	775.66	985,787.50	130,836.14	3,782.07						
May "	3,846,525.00	80,938.84	1,861.38	6,474,161.00	139,206.16	4,034.00						
June "	2,988,501.00	80,082.91	3,653.49	1,607,354.00	358,579.90	23,369.18		416.22			415,500.00	1,242.75
July "	2,551,035.00	84,422.93	1,913.79	1,607,703.00	112,876.61	7,085.69		2,814.80			183,500.00	6,943.26
Aug. "	2,902,900.00	72,640.13	4,114.36	524,193.00	84,202.85	2,576.00					2,000.00	32.88
Sept. "	1,507,458.00	29,980.22	952.00	867,000.00	35,339.09	3,122.76		1,051.03			3,500.00	112.50
Oct. "	2,202,582.00	46,790.07	1,957.01	2,572,050.00	61,429.29	4,067.00					20,000.00	1,131.86
Nov. "	4,674,272.00	116,908.07	1,702.00	1,558,551.00	170,272.14	6,706.28		2,782.50			5,000.00	5,050.00
Dec. "	7,548,524.00	214,304.60	3,189.00	2,957,151.00	185,645.98	10,343.20		35.00				
Totals	44,886,433.33	\$1,183,045.42	\$31,389.46	\$28,608,059.08	\$1,992,276.89	\$97,884.02	\$632,850.00	\$12,552.96	\$846,200.00	\$22,707.26		

\*Loss on Vessels not insured \$495.00.

\*Insured loss on Vessels \$13,841.42.

STATISTICS FOR YEAR ENDING  
DECEMBER 31, 1922

Population .....	748,143
Area Square Miles.....	47.81
Number of Brick, Stone, Concrete, Steel frame, B, etc.....	33,768
"    "    Wooden Buildings.....	77,673
"    "    Alarms, exclusive of False and Needless.....	5,656
"    "    False and Needless Alarms.....	254
"    "    Calls to assist other Cities and Towns.....	15
"    "    Sprinkler System breaks and defects.....	259
"    "    Fires in Brick and Stone Buildings.....	1,894
"    "    Fires in Wooden Buildings.....	1,410
"    "    Fires in Concrete Blocks.....	56
"    "    Fires in Fireproof.....	2
"    "    Fires in Ironclad.....	10
"    "    Fires in Reinforced Concrete.....	60
"    "    Fires not originating in Buildings.....	2,493
"    "    Fires confined to floor where fire .... originated.....	3,010
"    "    "    confined to Building but not to floor of origin.....	295
"    "    "    extending to adjoining Build- ing.....	73
"    "    "    extending beyond adjoining Building .....	27
"    "    "    originating in Automobiles..	269
"    "    "    not originating in Buildings	2,224
"    "    "    not originating in, but invol- ving Buildings .....	27
	2,520
	5,925
	6,184
	*111,441

\* January 1, 1923. By courtesy of City of Boston Building Department.

	Buildings, includ- ing Docks, Vessels, Tank and Per- manent Fixtures.	Contents	Total
Total Insurance on the property on which claim for loss was made .....	\$44,927,133.33	\$28,608,059.08	\$73,535,192.41
Total Insurance Loss....	1,196,886.84	1,992,276.89	3,189,163.73
Total Loss (insured and uninsured) .....	1,228,771.30	2,090,160.91	3,318,932.21
Rents insured.....			12,552.96
Losses on buildings and contents in which fires originated, i.e., direct losses .....	1,172,479.24	1,987,001.25	3,159,480.49
Losses on buildings and contents in which the fires did not originate i.e., exposure losses.	56,292.06	103,159.66	159,451.72

### Review of grade of losses for ten years

Years	Total Al'm.	No Loss	Under \$100	\$100 to 500	\$500 to 1000.	\$1000 to 5000.	\$5000 to 10,000	\$10,000 to 15,000	Over 15,000
1913	4947	2811	1048	588	185	217	44	15	39
1914	5679	3345	1118	628	238	261	35	15	39
1915	5532	3280	1044	641	207	251	45	18	29
1916	4656	2742	930	549	155	197	44	7	32
1917	5025	2996	981	605	159	199	31	12	42
1918	5433	3617	892	531	115	191	30	10	35
1919	5647	3687	903	574	155	208	30	17	26
1920	4688	2928	780	536	135	223	37	15	34
1921	5268	3320	820	612	167	227	53	25	44
1922	6184	4048	*886	*651	*198	*285	*59	17	40

\*27 Sprinkler losses included, viz., 11 under \$100. 4 from \$100 to \$500.  
3 from \$500 to \$1,000. 7 from \$1,000 to \$5,000. 2 from \$5,000 to \$10,000.

### Review of total alarms, fires with loss, loss, average loss of total alarms, and average loss of fires with loss, for ten years

Years.	Total Alarms.	Fires with Loss	Loss.	Average Loss of Total Alarms.	Average Loss of Fires with Loss.
1913	4,947	2,136	\$4,254,847.91	\$868.17	\$1,991.97
1914	5,679	2,319	3,044,626.94	536.12	1,312.90
1915	5,532	2,243	3,004,599.48	543.13	1,339.54
1916	4,656	1,914	2,473,801.16	531.31	1,292.47
1917	5,025	1,955	4,056,887.34	807.34	2,075.13
1918	5,433	1,774	2,827,612.34	520.45	1,593.92
1919	5,647	1,921	2,581,085.15	457.07	1,343.61
1920	4,688	1,707	3,143,528.89	670.54	1,841.55
1921	5,268	1,910	4,017,158.64	762.56	2,103.22
1922	6,184	†2,109	3,331,485.17	538.73	1,568.88

The above tables include Still Alarms.

† Does not include 27 Sprinkler losses.

In conclusion, I desire to express my sincere thanks to all departments or persons who have in any way assisted this Department during the past.

Respectfully submitted,

H. E. THOMPSON,

*Superintendent of Department*



## MEDICAL EXAMINER'S REPORT

1922

HENRY E. THOMPSON,

*Supt. Boston Protective Department.*

*Dear Sir:*—Your Medical Officer respectfully submits the following report for the year ending December 31, 1922:

Applicants examined.....	41
Promotions. Examinations for.....	24
Members. Visits to sick.....	61
Members. Visits to injured.....	28
Physicians reports. Attending.....	183
Special reports.....	4
Certificates. Return to duty.....	78
Applicants rejected due to physical disabilities.....	10

W. F. TEMPLE Jr., M. D.

*Medical Officer, Boston Protective Department.*

# DESCRIPTIVE LIST OF MOTOR WAGONS & CARS

Rotation	Put in Service.	Maker's name	No.	Cooling System	Cylinders.		Wheel Base.	Tire size.		Weight Loaded.	Company Assigned	Remarks.
					No.	Size.	H.P.	Front.	Rear.			
3	Oct. 17, 1910	Knox Auto. Co.	3788	W	4	5 1/2	48	38 x 7	40 x 8	11,000	2	Condemned Jan. 20, 1922
4	Jan. 8, 1912	" "	4480	W	4	5 1/2	48	39 x 6	Dbl. Blk.	13,500	2	
5	Aug. 7, 1912	The White Co.	15218	W	4	4 1/4	28	38 x 7	40 x 8	9,730	3	
7	Nov. 10, 1914	The White Co.	21625	W	6	4 1/4	43	38 x 7	40 x 8	10,590	1	
8	" "	" "	21626	W	6	4 1/4	43	38 x 7	40 x 8	10,530	1	
9	" "	" "	21628	W	6	4 1/4	43	38 x 7	40 x 8	10,375	1	Unassigned
10	Aug. 18, 1916	" "	26414	W	6	4 1/4	43	38 x 7	40 x 8	10,700	1	
12	Mar. 30, 1918	The White Co.	42874	W	6	4 1/2	28	38 x 7	40 x 8	10,400	2	
13	Sep. 19, 1919	" "	51184	W	4	4 1/2	28	30 x 3 1/2	32 x 4 1/2	10,700	3	Supply car Turned over to Buick Co., Mar. 23, 1922
14	Sept. 4, 1920	Ford	4051284	W	4	3 3/4	27	34 x 4 1/2	34 x 4 1/2	.....	S	
C	Nov. 3, 1920	The Buick Co.	735644	W	6	3 3/8	27	34 x 4 1/2	34 x 4 1/2	.....	S	
D	Mar. 23, 1922	" "	788639	W	6	3 3/8	27	34 x 4 1/2	34 x 4 1/2	.....	S	

W — Water.

S Superintendent

## CALLS RESPONDED TO AND MILES TRAVELLED

No.	Years	1922		Totals	
		Calls	Miles	Calls	Miles
3	1910-1921 Inclusive	6,862	15,919.5	7,207	16,841.0
4	1912-1921 "	6,882	12,192.2	882	2,192.2
5	1912-1921 "	6,886	26,242.0	7,767	29,530.7
7	1914-1921 "	3,725	6,048.9	4,270	7,125.3
8	1914-1921 "	3,875	6,487.0	4,395	7,676.8
9	1914-1921 "	4,520	25,840.0	5,193	31,018.0
10	1916-1921 "	2,929	12,169.3	3,268	13,968.1
12	1918-1921 "	2,836	7,873.0	3,285	9,502.7
13	1919-1921 "	2,751	6,395.5	3,896	9,232.2
14	1920-1921 "	.....	1,730.9	.....	3,461.9
C	1920-1921 "	.....	9,371.6	.....	11,034.0
D	.....	.....	.....	.....	5,853.9

**F. DOUGLAS COCHRANE**  
**60 State Street, Boston**

January 11, 1922.

Captain Samuel A. McDonald,  
Boston Protective Department,  
Company No. 2.,  
4 Appleton St., Boston, Mass.

Dear Sir:—

I am enclosing check for \$50.00, which I hope you will be able to apply in some way for the benefit of Company No. 2. I much appreciate their promptness and courtesy the other evening when my chimney was on fire and trust this little contribution can be used to help defray the expenses of the next entertainment or outing that the Company enjoys.

Sincerely yours,

F. DOUGLAS COCHRANE.

**BOSTON UNIVERSITY**  
**688 Boylston St.**

Boston, February 17, 1922.

Boston Protective Department,  
40 Purchase St.,  
Boston, Massachusetts.

Gentlemen:—

On behalf of the Trustees of Boston University, I wish to thank your Department for the prompt and efficient service which they rendered at the time of the explosion in our building, No. 525 Boylston Street on February 14th.

This service, undoubtedly, saved us from considerable additional loss.

Yours truly,

SILAS PEIRCE, Treasurer.

**JOSEPH W. HILDRETH & SON**  
**397 Atlantic Avenue, Boston.**

February 21, 1922.

Boston Protective Department,

Dear Sirs:—

Enclosed find check for ten (10) dollars as a contribution to the Fireman's Relief Association in appreciation of your promptness in extinguishing a fire on our premises, No. 395 Atlantic Ave.

Yours truly,

J. W. HILDRETH & SON.

**H. & L. CHASE**  
**267 Atlantic Ave., Boston**

Superintendent of the  
Boston Protective Dept.,  
40 Purchase St.,  
Boston, Mass.

Boston, Dec. 5, 1922.

Dear Sir:—

We wish to express our appreciation of the splendid work of the Protective Department at the small fire at our place of business Dec. 1. Their efficiency prevented serious water damage.

Through the fire commissioner we are sending a donation of \$50.00 to the Boston Firemen's Relief Fund, in which we understand your department participates.

Yours very truly,

H. & L. CHASE,  
By J. C. PORTER

Put in service.....		Nov. 10, 1914.	Nov. 10, 1914	Oct. 17, 1910	Jan. 8, 1912	Aug. 7, 1912	Nov. 10, 1914	Aug. 8, 1916	Mar. 30, 1918	Sept. 19, 1919	Sept. 4, 1920	Nov. 3, 1920	Mar. 23, 1922
Makers .....		The White Co.	The White Co.	Knox Motor Co	Knox Motor Co.	The White Co.	The White Co.	The White Co.	The White Co.	The White Co.	Ford	The Buick Co.	The Buick Co.
Company Nos.....		1.	1a.	2.	2a.	3.	3a.	26414	42874	2a.	4051284	717699	788639
								Unassigned	Unassigned		Service		
Expense.....		1922	1922	1922	1922	1922	1922	1922	1922	1922	1922	1922	1922
Body—	Repairs .....	\$ 6.60	\$ .40	\$182.40	\$ ....	\$ 18.92	\$ 24.35	\$ ....	\$ 28.85	\$ 1.19	\$ 4.75	\$ ....	\$ .75
	Painting .....	100.00	100.00	235.00	....	135.00	125.00	....	165.00	....	45.00	....	....
	Bell .....	....	47.00	4.50	....	....	....	4.50	....	103.50	....	....	....
Chassis—	Repairs .....	91.60	32.42	661.17	....	179.25	311.47	85.10	49.91	75.26	15.09	....	24.35
	Shock Absorber ....	17.50	....	15.00	....	7.50	20.00	....	5.00	1.20	....	....	....
Electric—	Lighting .....	42.53	37.28	248.53	....	29.32	37.67	10.18	11.16	61.52	20.88	....	4.55
	Starting .....	2.68	17.40	207.32	....	25.74	.30	5.95	17.41	57.43	1.75	....	....
	Batteries .....	75.18	77.45	86.40	....	....	87.95	.38	.37	.75	2.79	....	....
Engine—	Repairs .....	101.03	90.96	1158.84	....	22.37	376.33	320.38	289.51	162.67	84.42	14.00	67.07
	Cases— New.....	62.70	123.40	....	....	174.13	246.80	....	119.73	95.75	....	....	101.38
Tubes—	Repairs .....	20.00	6.00	....	....	....	18.00	1.50	....	....	....	4.50	....
	New.....	....	41.40	....	....	20.46	32.15	....	....	31.23	1.00	....	1.05
Rims—	Repairs .....	.65	.65	.85	....	1.25	.25	2.00	4.25	4.50	3.70	.75	3.00
	New.....	....	....	....	....	....	....	....	....	....	....	....	10.54
Chains, etc.	Repairs .....	....	....	....	....	....	....	....	....	....	....	....	....
	Chains.....	19.35	19.25	11.50	....	17.94	17.94	11.50	9.75	13.75	....	....	15.50
Accessories	Hooks .....	5.93	5.93	....	....	7.40	7.40	....	....	....	....	....	.75
	.....	22.75	13.75	2.00	....	34.22	25.38	12.00	13.55	28.39	6.84	2.50	12.60
Totals .....		\$568.59	\$613.29	\$2813.51	\$ ....	\$673.50	\$1330.99	\$453.49	\$714.49	\$637.14	\$186.22	\$ 21.75	\$241.54

#### SUPPLIES AND TOOLS

	Co. No. 1	Co. No. 2	Co. No. 3	
Gasoline .....	\$326.00	\$405.00	\$1056.00	\$1787.00
Oils .....	104.27	36.55	307.83	448.65
Grease .....	....	....	9.50	9.50
Soap .....	17.52	18.21	37.20	70.96
Polish .....	12.50	18.75	7.50	38.75
Tools new and repd. ....	49.88	30.93	2.00	82.81
Totals .....	\$510.17	\$507.47	\$1420.03	\$2437.67



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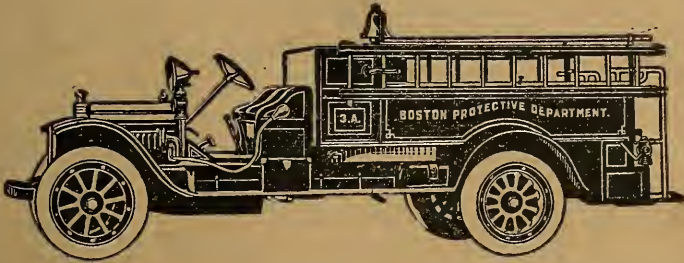




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Boston Protective Department

Nov 26 1924



FIFTIETH

ANNUAL REPORT

FOR THE CALENDAR YEAR

1923




FIFTIETH  
ANNUAL REPORT

OF THE

**Boston Protective Department**

FROM

January 1, 1923 to January 1, 1924



## OFFICERS

---

*President:*

HENRY M. FENTON

*Vice-President:*

C. H. J. KIMBALL

*Directors:*

TO SERVE UNTIL MARCH, 1924

JOHN J. CORNISH

HENRY M. FENTON

A. W. HOLLIS

TO SERVE UNTIL MARCH, 1925

GEORGE W. BUNTIN

R. J. DUNKLE

WILLIAM GILMOUR

TO SERVE UNTIL MARCH, 1926

JOHN P. MEADE

C. H. J. KIMBALL

BURTON S. FLAGG

*Secretary-Treasurer:*

CHARLES W. GOODING

*Superintendent:*

H. E. THOMPSON

*Medical Officer:*

DR. WM. F. TEMPLE, JR.



BOSTON, January 1, 1924.

TO THE MEMBERS OF THE  
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 50th Annual Report of the Department with the reports of the Superintendent, Treasurer, Medical Officer and statistical tables.

The Board recommends, first, that the active duties of the Department be continued for another year; second, that the Directors be authorized to expend for the maintenance of the Department during the year a sum not exceeding two hundred and twenty-five thousand dollars.

For the Directors,

HENRY M. FENTON,

President.

# TREASURER'S REPORT

## CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR ENDING DECEMBER 31, 1923

### RECEIPTS:

Assessments .....	\$199,145.16
Interest .....	1,146.40
Special Service .....	3,106.90
	<hr/> \$203,398.46

### EXPENDITURES:

Pay Roll and Salaries .....	\$137,175.67
Repairs and Furnishings of Houses .....	582.73
Telephone and Fire Alarm .....	1,023.89
Water, Light and Fuel .....	5,985.08
Printing, Stamps and Office Supplies .....	1,181.59
Auto Supplies and Repairs .....	9,695.36
Miscellaneous Department Supplies .....	2,492.37
New Equipment and Furnishings .....	6,341.60
Repairs of Equipment .....	311.15
Rent and Taxes .....	5,735.00
Compensation and other Insurance .....	7,181.09
Sundries .....	556.96
	<hr/>
Total Expenditures .....	\$178,262.49
Balance, December 31, 1923 .....	25,135.97
	<hr/> \$203,398.46

CHARLES W. GOODING. *Treasurer.*

Boston, January 25, 1924.

Audited and found correct

S. T. EMERY,	} <i>Auditing Committee.</i>
WM. H. LORING,	
W. H. ROGERS	

## STATEMENT OF ASSESSMENTS MADE IN 1923

July 1, 1922, to December 31, 1922:

Premiums on Fire, Sprinkler	
and Water Damage . . . .	\$3,889,893.08 at 2½% \$97,247.34

January 1, 1923, to July 1, 1923:

Premiums on Fire, Sprinkler	
and Water Damage . . . .	\$5,094,891.63 at 2% \$101,897.82
	<hr/> \$199,145.16

July 1, 1923, to December 31, 1923:

Premiums on Fire, Sprinkler	
and Water Damage . . . .	\$4,275,932.86 at 2 5/10% \$106,898.29

## SUPERINTENDENT'S REPORT.

HEADQUARTERS BOSTON PROTECTIVE DEPARTMENT. }  
OFFICE OF SUPT., No. 40 PURCHASE ST. }

BOSTON, January 1st, 1924.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Fiftieth Annual Report of operations of the Department for the year ending December 31st, 1923.

### CALLS AND SERVICE

The department responded to 3,192 City boxes, 2,023 Verbal, 241 Boston Automatic Fire Alarms, 180 American District Telegraph, which includes 85 Sprinkler Breaks, 214 Sprinkler Troubles, Total 5636; also 44 Water Damages, Total calls 5680.

The service rendered was 81 fire extinguishers used, 10,854 covers spread on merchandise at fires and other calls, 555 covers on roofs, 204 covers protecting merchandise after fires from storms. Total covers used 11,613.

The hours service were 3,648.10 at fires, 325.37 protecting merchandise &c after fires, and 5,664.30 privates detailed after fires. Total 9,638.17.

OF THE 7,377 ALARMS, 5,057 ALARMS OR 68.55 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$6,323,331.48 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings .....	\$ 1,830,951.02	\$101,473.20	\$1,932,424.22
Contents .....	4,110,797.64	243,077.58	4,353,875.22
Rents .....	22,911.50		22,911.50
Vessels .....	11,075.54	3,045.00	14,120.54
Cargoes .....			
Totals .....	\$5,975,735.70	\$347,595.78	\$6,323,331.48

### WATER DAMAGE OTHER THAN FIRES.

	Losses	
	Not Insured	Total
Building .....	\$1,037.00	\$1,037.00
Contents .....	6,052.00	6,052.00
	\$7,089.00	\$7,089.00

Total calls, 44 (32 with losses). On duty 41h. 37m. Covers spread 179.

## ORGANIZATION OF DEPARTMENT.

Superintendent, HENRY E. THOMPSON.

Co. No. 1. 40 Purchase St.	Total	Co. No. 2. 4 Appleton St.	Total	Co. No. 3. 159-161 Roxbury St.	Total	Grand Total
Captain E. Abbott.....	1	S. A. McDonnell....	1	A. F. Swift.....	1	3
Lieuts. { J. J. Carty.....		{ G. E. Blakeley ....		{ M. J. Gleason....		
{ J. F. Sullivan.....	2	{ J. S. Weir.....	2	{ B. J. McTernan...	2	6
First Grade Privates.....	11		9		11	31
Second " ".....	0		1		2	3
Third " ".....	2		1		1	4
Fourth " ".....	2		1		1	4
Fifth " ".....	0		0		0	0
*Auxiliary " ".....	11		10		0	21
Totals	29		25		18	72

## PENSIONERS

SUPERINTENDENT

CAPTAINS

FIRST GRADE PRIVATES

1

3

2

77

## OPERATIONS OF THE DEPARTMENT.

		Co.No.1	Co.No.2	Co.No.3
Responses to Alarms.	{ City Boxes.....	891	1097	1775
	{ Still.....	661	632	902
	{ Automatic.....	163	107	11
	{ A. D. T.....	117	77	31
	Totals .....	1832	1913	2719
Responded to by	{ Automobiles.....	1304	1898	2462
	{ Privates in outlying districts....	661		351
Hours Duty	{ At fires and responding to calls	883.18	1236.48	1528.04
	{ Assisting Fire Department.....			
	{ After fires protecting mdse.....	113.37	141.58	70.02
	{ Details after fires.....	2269.09	2027.35	1367.46
	Totals .....	3266.04	3406.21	2965.52
Covers Used	{ At fires and sprinkler calls.....	4653	3669	2532
	{ On roofs after fires.....	150	147	258
	{ Protecting mdse. after fires.....	12	53	139
	Totals .....	4815	3869	2929
Extinguishers used .....		26	22	33
<i>The Second Section was called in service as follows:</i>				
		Co.No.1	Co.No.2	Co.No.3
On First Alarms	{ When first out section was at fire	78	158	223
	{ When both sec. were at previous fire	20	21	23
	{ While cov. adj. company district	5	44	12
On Second Alarms	{ At night.....	12	13	11
	{ Voluntarily during daytime....	0	0	0
On Telephone calls.....		26	8	20
On Messenger calls.....		2	2	0
To Cover	Adjoining company district....	48	250	54
	Totals .....	191	496	343
		Co.No.1	Co.No.2	Co.No.3
No. fires at which roofs were protected .....		60	59	107
No. days on which one or more aux. men were retained on day duty after a fire.....		163	127	85
No. extra hazardous days when aux. force was retained on duty.....		2	2	0

# SPRINKLER RECORD. FIRES.

Sprinklers Operating			Heads	Sprinkler Heads Replaced			Heads	Where Sprinkler Heads Operated	Floors	Condition of System when left	No.
84	Fires of	1 head each	84	64	Fires of	1 head each	64	Sub-Basement <sup>t</sup>	3	O. K.	145 2 20
42	" " 3	2 heads "	40	" " 3	2heads "	27	Basement	56	Partially Operative		
10	" " 4	" "	30	" " 4	" "	20	First-floor	30	Shut Off		
9	" " 5	" "	36	" " 5	" "	24	Second "	12			
3	" " 6	" "	15	" " 6	" "	10	Third "	19			
7	" " 7	" "	42	" " 7	" "	30	Fourth "	16			
*3	" " 8	" "	21	" " 8	" "	14	Fifth "	12			
2	" " 9	" "	16	" " 9	" "	16	Sixth "	14			
†3	" " 10	" "	27	" " 10	" "	27	Seventh "	2			
2	" " 13	" "	20	" " 13	" "	20	Eighth "	3			
1	" " 71	" "	13			13					
1	" " 71	" "	71								
167	Totals		459	Totals			325	Totals	167	Totals	167

\* 2 Fires operated Basement and 1st floors.

† 1 " " 4th and 5th floors.

## RUPTURED HEADS AND PIPES.

Sprinklers Ruptured		Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off
35	Breaks of 1 head ea.	35	Water freezing in heads	17	Condition	12		5
3	" " 2 heads ea.	6	" " " pipes	12	"	3	6	3
1	" " 3 " "	3	" " " couplings	4	"	1	1	2
1	" " 7 " "	7	" " " elbows	6	"	6		
6	Breaks " Couplings		Striking heads	7	"	7		
7	" " Elbows		" pipes	14	"	4	2	8
31	" " Pipes		Defective heads	16	"	10	2	4
1	" " Tank		" pipes	2	"	1	1	1
			" couplings	2	"			1
			" elbow	1	"			
			" tank	1	"	1		
			Broken street main	2	"		1	1
			Unknown	1	"			1
85	Totals	51	Totals	85	Totals	45	14	26

## DUTY PERFORMED

Hours service 64h. 55m. Detailed duty 7h. 19m. Extra service 1h, 17m. Covers spread 158

## TROUBLES.

Alarm pots, defective.....	21
Closing and opening valves (1 section, 2 drips.....)	3
Moisture in wires.....	1
Overflow cup .....	1
Transmitter, defective.....	5
Transmitter, striking.....	2
Turning on system.....	4
Tank, overflowing.....	1
Valves, defective.....	1
Water hammer.....	27
" in dry pipe system.....	69
Working on system.....	14
Unknown .....	62
Total .....	214

## DUTY PERFORMED

Hours service 101 h. 22m. Detailed duty 94 h. 34m.  
Covers spread 9

# DISTRICTS WHERE FIRES OCCURRED OR ALARMS WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	2295
Roxbury District.....	847
Charlestown.....	424
East Boston.....	481
South Boston.....	550
Dorchester.....	1137
West Roxbury.....	656
Brighton.....	627
Hyde Park.....	334
Boston Harbor.....	1
Brookline.....	5
Cambridge.....	1
Dedham.....	4
Somerville.....	4
Milton.....	5
Chelsea.....	5
Everett.....	1
Total.....	7,377

## WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day	
1922					
January.....	473	Monday.....	1121	Day Service	6 to 7 A.M. .... 94
February.....	534	Tuesday.....	1159		7 to 8 "..... 138
March.....	587	Wednesday.....	1051		8 to 9 "..... 218
April.....	952	Thursday.....	1014		9 to 10 "..... 245
May.....	541	Friday.....	1002		10 to 11 "..... 294
June.....	689	Saturday.....	1104		11 to 12 Noon.... 380
July.....	578	Sunday.....	926		12 to 1 P. M. .... 442
August.....	547				1 to 2 "..... 511
September.....	553				2 to 3 "..... 428
October.....	814				3 to 4 "..... 460
November.....	566				4 to 5 "..... 512
December.....	543				5 to 6 "..... 601
Totals.....	*7377		*7377	Night Service	6 to 7 "..... 494
					7 to 8 "..... 473
					8 to 9 "..... 450
					9 to 10 "..... 372
					10 to 11 "..... 304
					11 to 12 Midnight. 268
					12 to 1 A. M. .... 172
					1 to 2 "..... 140
					2 to 3 "..... 111
					3 to 4 "..... 91
					4 to 5 "..... 100
					5 to 6 "..... 79
					*7377

\*11 Fires extinguished by occupants are included in these totals.



# STATEMENT BY MONTHS

Of Alarms for Fires Responded to by One or More Companies of this Department, Together with Other Statistics

Months.	Alarms attended by this Dept.			Extinguished by occupant. No alarm given.	Water Damage Calls.	Still Alarms attended by Fire Department only.	Total Alarms.	Sprinklers operated on fires.	Sprinkler breaks or defects.	Alarms for fires on vessels	Covers Spread			Extinguishers used.	Duty at fire and responding to calls		Duty after fires protecting mds.		Detail after fires.
	City Boxes.	Still.	Automatic.								A. D. T.	At fires and sprinkler calls.	On roofs after fires.		Protecting mds. after fires.	Hrs. m	Hrs. m	Hrs. m	
Jan. 1923	195	198	16	17	2	44	481	16	34	0	1190	54	60	8	428 33	65 59	1165 58		
Feb. "	245	191	27	28	1	39	535	15	50	0	1337	61	40	3	470 25	35 19	663 49		
Mar. "	230	175	25	13	1	140	586	11	30	2	766	49	2	12	293 04	19 21	444 08		
April "	368	181	21	12	5	365	954	17	20	5	1184	56	0	2	329 40	31 55	355 25		
May "	249	151	20	11	2	110	543	7	18	2	1041	84	0	9	293 45	30 48	171 51		
June "	297	174	18	17	0	182	691	12	23	4	658	39	0	15	241 30	26 47	238 38		
July "	244	167	16	12	0	137	577	10	16	3	712	35	8	7	256 54	19 33	713 43		
Aug. "	233	167	15	16	0	112	545	11	25	3	626	25	0	2	196 37	11 28	682 59		
Sept. "	255	108	13	8	1	168	556	5	20	3	642	28	0	1	196 47	13 21	140 42		
Oct. "	374	177	20	11	7	226	816	16	18	2	1159	32	17	6	282 19	13 48	262 14		
Nov. "	247	165	26	20	2	105	568	25	23	1	1159	32	17	14	306 57	27 36	327 36		
Dec. "	255	169	24	15	0	76	544	23	22	2	1128	63	77	2	351 39	29 18	507 27		
Totals	3192	2023	241	180	11	1705	7396	168	299	27	10854	555	204	81	3,648 10	325 37	5,664 30		

\* 25 Alarms for assistance from other cities and towns not included



## GRADE OF LOSSES FOR 1923.

5057	Alarms with no loss					
941	Fires with loss under \$100					\$34,441.85
677	" " " " from \$100 to \$500					157,366.55
163	" " " " " \$500 to \$1,000					108,810.53
308	" " " " " \$1,000 to \$5,000					709,331.36
76	" " " " " \$5,000 to \$10,000					535,027.23
33	" " " " " \$10,000 to \$15,000					414,099.58
	Over \$15,000					
1	Jan. 10, 1923,	58-60 Summer St., Abrahams Co., et al				16,711.15
1	" 13, "	230 Beacon St., Mrs. J. M. Jackson				35,220.59
1	" 13, "	36-8 Hawkins & 7 1/2 Chardon Sts., S. M. Stewart Estate				23,782.91
1	" 14, "	63 Mt. Vernon St., H. M. Sweet, et al				105,249.72
1	" 15, "	36-8 Fulton St., Abram Re Co., et al				17,964.83
1	" 19, "	140-8 Harvard Ave., W. P. & J. Cotter, et al				49,201.00
1	" 20, "	73-5 South & 170-80 Essex Sts., L. Scapiro Shoe Co., Inc., et al				150,645.75
1	" 22, "	118-28 Lincoln St., R. E. McDonald Shoes, et al				598,815.64
1	Feb. 12, "	35-9 Arch St., M. Steinert & Son Co., et al				41,759.80
1	" 16, "	18-20 Chauncy St., Kaitz Bros., et al				23,446.15
1	" 21, "	132-8 Worcester St., S. & A. S. & F. E. Pelonsky, et al				55,980.45
1	" 24, "	530-40 Atlantic Ave., F. P. Bennett & Co., Inc., et al				28,423.96
1	" 27, "	326-30 Washington St., Dor., Norfolk Lodge of Odd Fellows, et al				29,335.83
1	" 27, "	1110-30 Washington & 106-12 Dover Sts., H. S. Gordan Leather Co., et al				30,655.49
1	" 27, "	124-6 Pearl St., Isabelle Anderson, et al				25,888.86
1	Mar. 2, "	542-4 Rutherford Ave., N. E. Newspaper Publishing Co., et al				37,216.39
1	" 13, "	132-4 Washington St., & 1-3 Dock Sq., D. Sears Real Estate Trust, et al				46,887.90
1	" 29, "	Rear 81 Bristol St., J. F. Paul & Co., et al				25,298.55
1	" 30, "	65-9 Summer St., Johnson & Johnson, et al				17,977.86
1	Apr. 1, "	131-7 Washington & 53-7 Brattle Sts., Leopold Morse Company				19,858.00
1	" 6, "	266-70 Border St., Acme White Lead & Color Works				56,492.20
1	" 7, "	11-17 East St. & 711 Atlantic Ave., American Hide & Leather Company				57,549.13
1	" 10, "	20-2 Purchase St. & 361-3 Atlantic Ave., Liberty Trading Co., et al				37,302.40
1	" 14, "	185-7 State & 82-4 Central Sts., The Kelley Peanut Co., et al				175,035.01
1	" 15, "	125-31 Federal St., H. S. Hunnewell, et al				29,903.46
1	" 23, "	75 W. Fifth St., Roman Catholic Church				22,587.50
1	" 25, "	116-24 Merrimac St., H. Traiser & Co., Inc.				103,709.58
1	May 2, "	217-19 State & 114-16 Central Sts., Webster Thomas Co., et al				340,816.28
1	" 6, "	84-8 Hawley St., Kennedy's Clothing Co., et al				20,735.62
1	" 26, "	121-3 E. Dedham St., P. H. Graham & Sons, et al				25,658.12
1	" 30, "	850 Washington St., Meyer Pearlmutter, et al				16,466.69
1	" 31, "	35-7 Wareham St., American Slipper Mfg. Co., et al				20,319.40
1	June 20, "	76-8 Batterymarch St., Estate of Moses Kimball, et al				35,979.38
1	July 5, "	131-7 Kingston St., Star Mfg. Co., et al				17,424.71
1	" 16, "	199 Harrison Ave., Boston Shoe Polish Mfg. Co., et al				16,574.46
1	" 18, "	374-94 Congress St., Thomson Kelly Co., et al				1,269,299.98
1	" 19, "	Mill St., Storehouse No. 30, W. Ellery, et al				78,047.65
1	" 28, "	318 Broadway, Boston & Albany R. R., et al				46,143.33
1	Aug. 24, "	628-36 Washington & 1-9 Essex Sts., Hyman Bros, et al				27,266.45
1	Sept. 13, "	67-73 Sudbury & 9 Hawkins Sts., Capitol Upholstering Co., et al				31,335.70
1	Oct. 6, "	118 Western Ave., Griffith Keiner Co., et al				35,183.25
1	" 8, "	160-6 North St., Bay State Upholstering Co., et al				16,233.43
1	Nov. 1, "	694-702 Washington & 2-12 Kneeland Sts., Freedman, Levine & Freedman, et al				21,092.58
1	" 16, "	605-11 Washington St., Weinberg Bros., et al				15,363.25
1	" 17, "	65-7 Purchase & 173-5 High Sts., S. M. Fay Estate, et al				79,459.03
1	" 17, "	209-11 State St., The Murray Co., et al				123,072.57
1	" 18, "	1612-20 Blue Hill Ave., Price Bros. & Misson, et al				59,358.48
1	" 22, "	107-9 Kingston & 105-7 Essex Sts., Samuel Lieberman, et al				15,943.49
1	" 30, "	85-91 Essex St., B. & A. Skirt Co., et al				49,129.62
1	Dec. 7, "	605-11 Washington St., Massachusetts Skirt Co., et al				17,586.02
1	" 10, "	288-94 Devonshire St., Northern Commission Co., et al				24,414.33
1	" 15, "	889-99 Dorchester Ave., Samuel Levitt, et al				15,515.17
1	" 17, "	3089-99 Washington & 1 Beethoven Sts., D. W. & S. W. Littlefield, et al				27,359.62
1	" 18, "	64-12 Congress & 43 State Sts., State Street Exchange, et al				16,138.42
7309						6,286,299.44
19	Marine Losses					14,120.54
7328						6,300,419.98
	Rent Losses					22,911.50
49	Sprinkler Losses (no fire)				19,669.79	6,323,331.48
7377						

CAUSES OF ALARMS AND OF ALARMS WITH LOSS  
DURING 1923.

	Alarms	Alarms with Loss
a1 Assistance beyond City Limits.....	25	
Arson .....		
Ashes.....		
Benzine.....		
Boilers.....		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective Cigars, Cigarettes and Pipes.....	103	57
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity .....	359	152
4 Explosions .....	155	60
5 Exposure .....	169	143
5a False and Needless Alarms.....	421	
6 Fireworks, Fire Crackers, Balloons, etc.....	49	34
Flues .....		
7 Friction—Sparks—Occasioned by running machinery, in- cluding Pickers, Carding Machines, Gins, etc.....	2	
Furnaces .....		
Gas .....		
8 Gas—Natural and Artificial .....	49	30
Gasolene .....		
9 Hot Ashes and Coals.....	76	41
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	125	28
11 Hot or Molten Metal.....	3	3
Hot Water Pipes.....		
12 Incendiarism .....	9	8
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodde.....		
14 Lightning—buildings not rodde.....		
Locomotives.....		
15 Matches .....	754	499
16 Miscellaneous—Cause known but not Classified.....	339	37
17 Open Fires .....	99	1
18 Open Lights.....	170	109
19 Petroleum and its products.....	116	58
Pickers .....		
Railroad .....		
19a Rekindling of a previous fire.....	17	5
20 Rubbish and Litter.....	2066	4
21 Smoking .....	436	258
22 Sparks—Arising from combustion.....	172	86
23 Sparks on Roof.....	109	79
24 Spontaneous Combustion.....	96	50
24a Sprinklers .....	299	49
Stacks .....		
25 Steam and Hot Water Pipes.....	26	7
26 Stoves, Furnaces, Boilers and their pipes.....	651	140
Stove Pipes .....		
27 Unknown .....	482	382
28 Unknown origin but investigation important.....		
Totals.....	7377	2320

This table includes 1705 fire department still alarms of which we were not notified, 11 fires for which no alarms were given but which were extinguished by occupants.

# STATEMENT BY MONTHS OF INSURANCE AND LOSSES.

Months	Buildings			Contents			Rents			Vessels			Losses	Insurance	Sprinkler Losses (no fire)
	Insurance	Loss Insured	Loss not Ins.	Insurance.	Loss Insured.	Loss not Ins.	Insurance.	Loss	Insurance.	Loss	Insurance.	Loss			
Jan. 1923	\$6,679,925.81	\$337,095.77	\$15,280.14	\$3,599,333.00	\$893,252.52	\$33,277.05	\$18,220.00	\$2,016.68			\$62,000.00		\$1,559.50		
Feb. "	5,762,603.67	249,361.15	12,119.67	2,736,100.00	272,384.04	21,564.29	10,000.00	125.00			163,500.00		4,442.95		
Mar. "	4,626,378.00	143,086.38	11,124.69	812,682.00	138,401.94	26,209.05	21,000.00	8,308.42			46,000.00		429.65		
April "	4,802,591.00	157,671.61	6,802.82	5,979,402.00	440,869.30	8,047.00	7,500.00	3,070.33	\$15,000.00		87,100.00		811.88		
May "	3,173,154.73	181,460.61	5,026.11	2,596,476.00	378,503.57	13,329.99	6,000.00	4,232.34			11,000.00		606.65		
June "	5,163,844.00	160,474.49	7,726.00	1,205,515.00	56,824.09	7,890.01	3,000.00	693.05			117,000.00		976.26		
July "	4,584,329.00	194,709.84	11,749.19	3,512,113.00	1,276,936.97	89,966.24	66,000.00	500.91			119,000.00		6,196.31		
Aug. "	2,358,049.00	194,709.84	2,699.60	2,122,973.00	66,278.05	4,303.00					110,500.00		65.00		
Sept. "	3,666,217.00	39,225.16	4,024.76	795,525.00	52,304.21	3,300.00					551,250.00		3,881.38		
Oct. "	3,754,920.50	73,111.37	6,008.50	3,009,592.00	100,336.55	15,886.62					146,000.00		163.10		
Nov. "	4,076,309.35	189,695.79	16,097.72	3,092,906.07	280,552.97	8,200.10	152,000.00				20,000.00		315.00		
Dec. "	7,277,536.00	148,714.21	2,820.00	1,607,402.35	154,150.43	8,104.23									
Totals	\$55,925,860.06	\$1,830,951.02	\$101,473.20	\$31,070,019.42	\$4,110,797.64	\$243,077.58	\$313,720.00	\$22,911.50	\$13,046.00	\$11,120.54	\$1,137,050.00		\$19,669.79		

\*Loss on Vessels not insured \$3045.00.

\*Insured loss on Vessels \$11,075.51.

STATISTICS FOR YEAR ENDING  
DECEMBER 31, 1923

Population .....	748,143	
Area Square Miles.....	47.81	
Number of Brick, Stone, Concrete, Steel frame, B, etc..	34,957	*113,782
"    "    Wooden Buildings.....	78,825	
"    "    Alarms, exclusive of False and Needless.....	6,632	7,377
"    "    False and Needless Alarms.....	421	
"    "    Calls to assist other Cities and Towns.....	25	
"    "    Sprinkler System breaks and defects.....	299	
"    "    Fires in Brick and Stone Buildings.....	2,026	7,078
"    "    Fires in Wooden Buildings.....	1,539	
"    "    Fires in Concrete Blocks.....	64	
"    "    Fires in Fireproof.....	1	
"    "    Fires in Ironclad.....	13	7,078
"    "    Fires in Reinforced Concrete.....	78	
"    "    Fires not originating in Buildings.....	3,357	
"    "    Fires confined to floor where fire ....		
originated.....	3,284	3,680
"    "    "    confined to Building but not		
to floor of origin.....	271	
"    "    "    extending to adjoining Build-		
ing.....	79	7,078
"    "    "    extending beyond adjoining		
Building .....	46	
"    "    "    originating in Automobiles..	352	
"    "    "    not originating in Buildings	3,005	3,398
"    "    "    not originating in, but invol-		
ving Buildings .....	41	

\* January 1, 1924. By courtesy of City of Boston Building Department.

	Buildings includ- ing Docks, Vessels, Tank and Per- manent Fixtures.	Contents	Total
Total Insurance on the property on which claim for loss was made .....	\$56,059,906.06	\$31,070,019.42	\$87,129,925.48
Total Insurance Loss ....	1,842,026.56	4,110,797.64	5,952,824.20
Total Loss (insured and uninsured) .....	1,946,544.76	4,353,875.22	6,300,419.98
Rents insured.....			22,911.50
Losses on buildings and contents in which fires originated, i.e., direct losses .....	1,797,830.68	4,081,561.36	5,879,392.04
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	148,714.08	272,313.86	421,027.94

### Review of grade of losses for ten years

Years	Total Al'm.	No Loss	Under \$100	\$100 to 500	\$500 to 1000.	\$1000 to 5000.	\$5000 to 10,000	\$10,000 to 15,000	Over 15,000
1914	5679	3345	1118	628	238	261	35	15	39
1915	5532	3280	1044	641	207	251	45	18	29
1916	4656	2742	930	549	155	197	44	7	32
1917	5025	2996	981	605	159	199	31	12	42
1918	5433	3617	892	531	115	191	30	10	35
1919	5647	3687	903	574	155	208	30	17	26
1920	4688	2928	780	536	135	223	37	15	34
1921	5268	3320	820	612	167	227	53	25	44
1922	6184	4048	886	651	198	285	59	17	40
1923	7377	5069	*977	*693	*168	*319	76	33	54

\*49 Sprinkler losses included, viz., 29 under \$100. 10 from \$100 to \$500.  
4 from \$500 to \$1,000. 6 from \$1,000 to \$5,000.

### Review of total alarms, fires with loss, loss, average loss of total alarms, and average loss of fires with loss, for ten years

Years.	Total Alarms.	Fires with Loss	Loss.	Average Loss of Total Alarms.	Average Loss of Fires with Loss.
1914	5,679	2,319	\$3,044,626.94	\$536.12	\$1,312.90
1915	5,532	2,243	3,004,599.48	543.13	1,339.54
1916	4,656	1,914	2,473,801.16	531.31	1,292.47
1917	5,025	1,955	4,056,887.34	807.34	2,075.13
1918	5,433	1,774	2,827,612.34	520.45	1,593.92
1919	5,647	1,921	2,581,085.15	457.07	1,343.61
1920	4,688	1,707	3,143,528.89	670.54	1,841.55
1921	5,268	1,910	4,017,158.64	762.56	2,103.22
1922	6,184	2,109	3,331,485.17	538.73	1,568.88
1923	7,377	†2,271	6,323,331.48	857.17	2,784.38

The above tables include Still Alarms.

† Does not include 49 Sprinkler losses.

In conclusion, I desire to express my sincere thanks to all departments or persons who have in any way assisted this Department during the past.

Respectfully submitted,

H. E. THOMPSON,

*Superintendent of Department*



## MEDICAL EXAMINER'S REPORT

1923

HENRY E. THOMPSON,

*Supt. Boston Protective Department.*

*Dear Sir*.—Your Medical Officer respectfully submits the following report for the year ending December 31, 1923:

Applicants examined.....	59
Promotions. Examinations for.....	17
Members. Visits to sick.....	69
Members. Visits to injured.....	33
Physicians reports. Attending.....	167
Special reports.....	2
Certificates. Return to duty.....	96
Applicants rejected due to physical disabilities.....	10

W. F. TEMPLE Jr., M. D.

*Medical Officer, Boston Protective Department.*

## DESCRIPTIVE LIST OF MOTOR APPARATUS

Rotation	Put in Service.	Maker's name	No.	Cooling System	Cylinders.		Wheel Base.	Tire size.		Weight Loaded.	Company Assigned	Remarks.
					No.	Size.		Front.	Rear.			
3	Oct. 17, 1910	Knox Auto. Co.	3788	W	4	5½	128	38 x 7	40 x 8	11,000	2	
5	Aug. 7, 1912	The White Co.	15218	W	4	4½	28	38 x 7	40 x 8	9,730	3	
7	Nov. 10, 1914	The White Co.	21625	W	6	4½	158½	38 x 7	40 x 8	10,580	1	
8	" "	"	21626	W	6	4½	158½	38 x 7	40 x 8	10,530	1	
9	" "	"	21628	W	6	4½	158½	38 x 7	40 x 8	10,375	3	
10	Aug. 18, 1916	"	26414	W	6	4½	158½	38 x 7	40 x 8	10,700	...	Unassigned
12	Mar. 30, 1918	The White Co.	42874	W	6	4½	158½	38 x 7	40 x 8	10,400	2	Unassigned
13	Sept. 19, 1919	"	51184	W	4	4½	157	38 x 7	40 x 8	10,700	3	Supply car
14	Sept. 4, 1920	Ford	4051284	W	4	3¾	123	30 x 3½	32 x 4½	...	S	Unassigned
D	Mar. 23, 1922	The Buick Co.	788639	W	6	3¾	27	34 x 4½	34 x 4½	10,700	...	
15	Sept. 4, 1923	Mack Motor Co.	471420	W	4	4½	146½	38 x 7	40 x 8	10,700	...	

W — Water.

S Superintendent

## CALLS RESPONDED TO AND MILES TRAVELLED

No.	Years	1923		Totals	
		Calls	Miles	Calls	Miles
3	1910-1922 Inclusive	7,207	16,841.9	7,689	17,936.7
5	1912-1922 "	7,767	29,530.7	8,896	33,126.1
7	1914-1922 "	4,270	7,125.3	4,921	8,515.2
8	1914-1922 "	5,139	7,676.8	5,969	9,091.9
9	1914-1922 "	5,193	31,048.0	6,217	39,051.1
10	1916-1922 "	3,268	13,968.1	3,499	14,838.3
12	1918-1922 "	3,283	9,502.7	3,718	11,430.6
13	1919-1922 "	3,896	9,232.2	4,767	11,480.3
14	1920-1922 "	...	3,461.9	...	6,469.3
15	1922 "	...	5,853.9	287	845.1
D		...	...	...	7,159.3
				...	13,013.2



**THAYER McNEIL COMPANY**  
**47 Temple Place    15 West Street**  
**Boston**

H. E. Thompson, Supt.,  
Boston's Protective Dept.,  
40 Purchase Street,  
Boston, Mass.

Dear Sir:—

The writer wishes at this time to call your attention to the excellent and efficient manner in which Company 2 took care of our problems.

When we called them on January 8th, due to a very serious leak from our roof, in which the water was coming on to our first floor and going through to our basement, owing to the nature of our merchandise, it is remarkable that our only loss was ceiling discoloration. This was due directly to the very efficient manner in which this work was done.

Also, as our store was open and doing business during this period, I wish to call your attention to the very courteous manner and methods employed by the officer in charge and the men under him.

Believing it only fair that good service should be called to the attention of those in charge, I am,

Very truly yours,

C. W. POLLOCK.

January 16th, 1923.

**ASSOCIATED FACTORY MUTUAL FIRE  
INSURANCE COMPANIES**

**Fort Hill Square  
184 High Street, Boston**

August 2, 1923.

BOSTON PROTECTIVE DEPARTMENT,  
40 Purchase Street,  
Boston, Mass.

Mr. Henry E. Thompson, Supt.

Dear Sir:—

Referring to the small fire in waste basket on the sixth floor of this building last Saturday night, I wish to express on behalf of the Inspection Department our appreciation of the excellent work done by your men in promptly responding to the call from the Fire Department and in the efficient handling of the situation, including prompt restoration of the sprinkler protection and the caring for the property so that very little water damage resulted. I desire to commend your organization and, through you, to thank the Lieutenant and his men who came on this call.

I am sending you a box of cigars with our compliments.

Yours truly,

INSPECTION DEPARTMENT,  
H. O. Lacount, Manager.

**THE EASTERN TALKING MACHINE COMPANY****85 Essex St., Boston**

December 4, 1923.

Supt. H. E. Thompson,  
40 Purchase Street,  
Boston, Mass.

Dear Sir:—

We felt that we would like to drop a line of commendation of the work of your Department on Friday evening, November 30th, at 85 Essex Street, where there was a fire but where the water could have done many thousands of dollars worth of damage had it not been for your efficient crew, under the able direction of Captain S. A. MacDonnell.

Our loss proved to be quite negligible in comparison with the possible damage and we attribute this entirely to the work of the Fire Protective Department.

Very truly yours,

**THE EASTERN TALKING MACHINE CO.**

Per H. Shoemaker,  
General Manager.

**JOHN WORLEY COMPANY**  
**40 to 48 Stanhope Street, Boston**

December 24th, 1923.

Capt. S. A. McDonnell,  
Boston Protective Association,  
Appleton Street,  
Boston, Mass.

Dear Captain:—

We would not have had a very Merry Christmas if it had not been for your prompt efforts several weeks ago and in memory of that unfortunate affair and assuring you of our esteem and best wishes for a Merry Christmas, we are sending herewith some Smokes which we trust you may enjoy.

If at any time you have any tickets for your balls or Protective Association funds we would like very much to have the opportunity of contributing.

Wishing you all a very Merry Christmas, we are,

Yours very truly,

**JOHN WORLEY COMPANY.**

Put in service.....	Nov. 10, 1914.	Nov. 10, 1914	Oct. 17, 1910	Aug. 7, 1912	Nov. 10, 1914	Aug. 8, 1916	Mar. 30, 1918	Sept. 19, 1919	Sept. 4, 1920	Mar. 23, 1922	Sept. 4, 1923
Makers.....	The White Co.	The White Co.	Knox Motor Co	The White Co.	The White Co.	The White Co.	The White Co.	The White Co.	Ford	The Buick Co.	Mack Motor Co.
Company No.....	1.	1a.	2	3	3a.	Unassigned	Unassigned	2a.	4051284	788639	Unassigned
Makers No.....	21625	21626	3788	15218	21628	264.4	42874	51184			4714.20
Expense.....	1923	1923	1923	1923	1923	1923	1923	1923	1923	1923	1923
<b>Body—</b>											
Repairs .....	\$ .52	\$ 4.37	\$ ....	\$ ....	\$ ....	\$ 57.00	\$ .75	\$ 51.75	\$ ....	\$ 11.10	\$ ....
Painting .....	....	....	....	....	....	235.00	....	235.00	....	75.00	....
Bell .....	6.00	11.50	4.50	....	....	.75	....	....	....	....	....
<b>Chassis—</b>											
Repairs .....	160.42	83.49	46.81	397.08	108.55	187.03	17.52	60.85	....	....	....
Shock Absorber .....	5.00	12.50	4.00	....	3.00	....	....	....	....	....	....
<b>Electric—</b>											
Lighting .....	117.04	30.14	13.54	10.93	40.74	31.23	18.95	36.77	10.76	14.28	.75
Starting .....	66.61	26.05	19.29	39.60	97.05	29.36	3.80	10.52	15.37	....	....
Batteries .....	2.25	71.00	49.50	64.13	114.12	....	63.75	27.00	.25	16.66	....
<b>Engine—</b>											
Repairs .....	297.80	23.74	18.00	804.99	251.97	300.86	22.24	147.29	52.10	129.87	....
<b>Cases—</b>											
New.....	170.96	185.75	....	....	185.60	....	342.55	338.75	55.95	106.04	95.75
Repairs .....	....	....	....	....	....	....	....	6.00	7.50	4.50	....
<b>Tubes—</b>											
New.....	11.00	40.50	15.70	7.00	12.00	....	15.70	12.40	10.86	11.70	12.40
Repairs .....	4.00	2.00	5.25	....	....	....	5.50	1.25	2.75	6.20	....
<b>Rims—</b>											
New.....	....	....	....	....	....	....	....	....	....	....	....
Repairs .....	....	....	....	....	....	....	....	....	....	....	....
<b>Chains, etc.</b>											
Chains.....	5.50	6.00	32.50	24.00	23.50	5.75	5.50	33.00	26.50	8.35	8.87
Hooks .....	1.13	1.12	1.50	3.20	....	.75	....	....	....	....	1.50
<b>Accessories</b>											
.....	24.00	9.00	9.25	19.11	10.58	7.65	6.00	25.21	22.00	.83	....
<b>Totals .....</b>	<b>\$872.23</b>	<b>\$507.16</b>	<b>\$219.84</b>	<b>\$1370.04</b>	<b>\$848.61</b>	<b>\$853.98</b>	<b>\$504.26</b>	<b>\$1174.02</b>	<b>\$206.86</b>	<b>\$413.28</b>	<b>\$119.27</b>

# SUPPLIES AND TOOLS

	Co. No. 1	Co. No. 2	Co. No. 3	
Gasoline .....	\$282.50	\$333.50	\$1014.00	\$1630.00
Oil .....	100.19	61.44	324.24	485.87
Grease .....	13.00	20.56	18.74	52.30
Soap .....	24.52	16.71	36.63	77.86
Polish .....	18.25	14.50	12.00	44.75
Tools new and repd.....	4.77	4.45	49.47	58.69
<b>Totals .....</b>	<b>\$443.23</b>	<b>\$511.16</b>	<b>\$1455.08</b>	<b>\$2349.47</b>





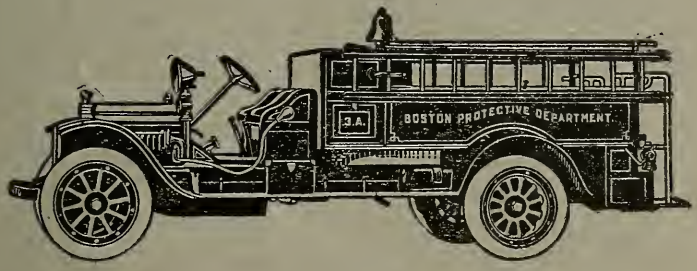




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**Boston Protective Department**

*Mar 27 1925*



**FIFTY-FIRST**

**ANNUAL REPORT**

**FOR THE CALENDAR YEAR**

**1924**




FIFTY-FIRST  
ANNUAL REPORT

OF THE

**Boston Protective Department**

FROM

January 1, 1924 to January 1, 1925



## OFFICERS

---

*President:*

C. H. J. KIMBALL

*Vice-President:*

R. J. DUNKLE

*Directors:*

TO SERVE UNTIL MARCH, 1925

JOHN W. GAHAN

R. J. DUNKLE

WILLIAM GILMOUR

TO SERVE UNTIL MARCH, 1926

JOHN P. MEADE

C. H. J. KIMBALL

BURTON S. FLAGG

TO SERVE UNTIL MARCH, 1927

A. W. HOLLIS

T. H. RATIGAN

A. K. POPE

*Secretary-Treasurer:*

CHARLES W. GOODING

*Superintendent:*

H. E. THOMPSON

*Medical Officer:*

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1925.

TO THE MEMBERS OF THE  
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 51st Annual Report of the Department with the reports of the Superintendent, Treasurer, Medical Officer and statistical tables.

The Board recommends, first, that the active duties of the Department be continued for another year; second, that the Directors be authorized to expend for the maintenance of the Department during the year a sum not exceeding two hundred and thirty-four thousand one hundred dollars.

For the Directors,

C. H. J. KIMBALL,

President.

# TREASURER'S REPORT

## CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR ENDING DECEMBER 31, 1924

### RECEIPTS:

Assessments .....	\$223,001.78
Interest .....	982.35
Special Service .....	2,609.98
	<hr/>
	\$226,594.11

### EXPENDITURES:

Pay Roll and Salaries .....	\$177,240.51
Repairs and Furnishings of Houses .....	1,070.64
Telephone and Fire Alarm .....	1,116.33
Water, Light and Fuel .....	5,259.44
Printing, Stamps and Office Supplies .....	1,102.67
Auto Supplies and Repairs .....	5,398.37
Miscellaneous Department Supplies .....	3,239.29
New Equipment and Furnishings .....	9,659.01
Repairs of Equipment .....	365.96
Rent and Taxes .....	5,809.10
Compensation and other Insurance .....	9,467.02
Sundries .....	821.31
	<hr/>
Total Expenditures .....	\$220,549.65
Balance, December 31, 1924 .....	6,044.46
	<hr/>
	\$226,594.11

CHARLES W. GOODING. *Treasurer.*

Boston, January 14, 1925.

Audited and found correct

S. T. EMERY,	} <i>Auditing Committee.</i>
WM. H. LORING,	
W. H. ROGERS	

## STATEMENT OF ASSESSMENTS MADE IN 1924

July 1, 1923, to December 31, 1923:

Premiums on Fire, Sprinkler and Water Damage . . . .	\$4,227,106.14 at 2½%	\$106,927.62
---	-----------------------	--------------

January 1, 1924, to July 1, 1924:

Premiums on Fire, Sprinkler and Water Damage . . . .	\$4,654,751.42 at 2½%	\$116,368.81
---	-----------------------	--------------

---

\$223,296.43

Assessments not Paid

294.65

---

\$223,001.78

July 1, 1924, to December 31, 1924:

Premiums on Fire, Sprinkler and Water Damage . . . .	\$4,087,376.84 at 2 5/10%	\$102,184.47
---	---------------------------	--------------



## SUPERINTENDENT'S REPORT.

HEADQUARTERS BOSTON PROTECTIVE DEPARTMENT. {  
OFFICE OF SUPT., No. 40 PURCHASE ST. }

BOSTON, January 1st, 1925.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Fifty-first Annual Report of operations of the Department for the year ending December 31st, 1924.

### CALLS AND SERVICE

The department responded to 3,588 City boxes, 2,395 Verbal, 258 Boston Automatic Fire Alarms, 161 American District Telegraph, which includes 119 Sprinkler Breaks, 202 Sprinkler Troubles, Total 6402; also 55 Water Damages, Total calls 6457.

The service rendered was 87 fire extinguishers used, 11,876 covers spread on merchandise at fires and other calls, 571 covers on roofs, 230 covers protecting merchandise after fires from storms. Total covers used 12,677.

The hours service were 4,439.07 at fires, 309.06 protecting merchandise &c after fires, and 4,453.49 privates detailed after fires. Total 9,202.02.

OF THE 8,117 ALARMS, 5,428 ALARMS OR 66.87 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$4,825,216.13 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings .....	\$ 1,807,363.72	\$119,210.89	\$1,926,574.61
Contents .....	2,589,677.97	219,342.10	2,809,020.07
Rents .....	12,476.43	—	12,476.43
Vessels .....	62,285.02	14,860.00	77,145.02
Cargoes .....	—	—	—
<b>Totals .....</b>	<b>\$4,471,803.14</b>	<b>\$353,412.99</b>	<b>\$4,825,216.13</b>

### WATER DAMAGE OTHER THAN FIRES.

	Losses		Total
	Insured	Not Insured	
Building.....	\$50.00	\$4,025.00	\$4,075.00
Contents.....	—	8,916.21	8,916.21
	\$50.00	\$12,941.21	\$12,991.21

Total calls, 55 (38 with losses). On duty 50h. 26m. Covers spread 159.

ORGANIZATION OF DEPARTMENT.  
Superintendent, HENRY E. THOMPSON.

Co. No. 1. 40 Purchase St.	Total	Co. No. 2. 4 Appleton St.	Total	Co. No. 3. 159-161 Roxbury St.	Total	Grand Total
Captain E. Abbott.....	1	S. A. McDonnell....	1	A. F. Swift.....	1	3
Lieuts. { J. J. Carty.....		{ G. E. Blakeley ....		{ M. J. Gleason....		
{ J. F. Sullivan.....	2	{ J. S. Weir .....	2	{ B. J. McTernan...	2	6
First Grade Privates.....	10	.....	10	.....	14	34
Second " " ".....	2	.....	0	.....	1	3
Third " " ".....	1	.....	1	.....	1	3
Fourth " " ".....	12	.....	10	.....	3	25
Fifth " " ".....	2	.....	4	.....	1	7
Totals	30		28		23	81

PENSIONERS

CAPTAINS  
FIRST GRADE PRIVATES

2  
2  
85

OPERATIONS OF THE DEPARTMENT.

		Co.No.1	Co.No.2	Co.No.3
Responses to Alarms.	{ City Boxes.....	1052	1295	1929
	{ Still .....	713	748	1104
	{ Automatic .....	172	122	18
	{ A. D. T.....	96	88	24
Totals .....		2033	2253	3075
Responded to by	{ Automobiles .....	1455	2268	2902
	{ Privates in outlying districts....	710	.....	244
Hours Duty	{ At fires and responding to calls	1308.08	1374.55	1756.01
	{ Assisting Fire Department.....	.....	.....	.....
	{ After fires protecting mdse.....	104.02	137.06	67.58
	{ Details after fires.....	1784.24	1603.08	1066.17
Totals .....		3196.34	3115.09	2890.19
Covers Used	{ At fires and sprinkler calls.....	4626	4386	2864
	{ On roofs after fires.....	213	142	216
	{ Protecting mdse. after fires.....	101	5	124
Totals .....		4940	4533	3204
Extinguishers used .....		24	33	30
<i>The Second Section was called in service as follows:</i>				
		Co.No.1	Co.No.2	Co.No.3
On First Alarms	{ When first out section was at fire	145	322	401
	{ When both sec. were at previous fire	20	64	23
	{ While cov. adj. company district	8	47	23
On Second Alarms	{ At night.....	14	18	22
	{ Voluntarily during daytime....	0	0	0
On Telephone calls.....		44	16	15
On Messenger calls.....		1	1	0
To Cover Adjoining company district....		81	293	83
Totals .....		313	761	567
		Co.No.1	Co.No.2	Co.No.3
No. fires at which roofs were protected .....		79	68	95

# SPRINKLER RECORD. FIRES.

Sprinklers Operating			Heads	Sprinkler Heads Replaced			Heads	Where Sprinkler Heads Operated	Floors	Condition of System when left	No.	
112	Fires of	1 head each	112	105	Fires of	1 head each	105	Sub-Basement	4	O. K. Partially Operative Shut Off	171  26	
38	" " 2	heads	76	35	" " 2	heads	70	Basement	58			
†18	" " 3	" "	54	17	" " 3	" "	51	First-floor	29			
7	" " 4	" "	28	7	" " 4	" "	28	Second "	26			
*4	" " 5	" "	20	4	" " 5	" "	20	Third "	22			
6	" " 6	" "	36	4	" " 6	" "	24	Fourth "	25			
†2	" " 7	" "	14	2	" " 7	" "	14	Fifth "	20			
3	" " 9	" "	27	2	" " 9	" "	18	Sixth "	7			
2	" " 10	" "	20	1	" " 10	" "	10	Eighth "	1			
2	" " 13	" "	26	1	" " 13	" "	13	Tenth "	1			
1	" " 19	" "	19					Eleventh "	1			
1	" " 22	" "	22					Roof (Pent house)	1			
1	" " 30	" "	30					Outside (Paper bin)	2			
197 Totals			484	Totals			353	Totals		197	Totals	197
†	1	Fire operated	2nd and 3rd floors.									
*	1	" " 3rd	" 4th "									
*	1	" " 5th	" 6th "									
††	1	" " 3rd	" 2nd "									
††	1	" " 4th	" 5th "									

## RUPTURED HEADS AND PIPES.

Sprinklers Ruptured		Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off
46 Breaks of 1 head ea.	3    "    " 2 heads ea.	46    6	Water freezing in heads "    "    " couplings "    "    " elbows "    "    " pipes	37 9 21 23	Condition "    " "    " "    "	27 9 11	3 5 2 2	7 4 10 10
10 Breaks " Couplings	22 " " Elbows		Striking heads " pipes	6 11	"    " "    "	5 1		1 6
38 " " Pipes			Defective heads " couplings " elbows " pipes	6 1 1 2	"    " "    " "    " "    "	6  2 1		 1 1 1
Unknown				2	"    "			
119 Totals		52	Totals	119	Totals	62	16	41

## DUTY PERFORMED

Hours service 92h. 20m. Detailed duty 16h. 12m. Extra service 4h. 23m. Covers spread 555

## TROUBLES.

Alarm pots, defective.....	13
Closing and opening valves (cold weather).....	1
Leaky elbow.....	1
" flange.....	1
" union.....	1
" valve (drip).....	1
Pressure gauge, defective.....	1
Short circuit in alarm wires.....	2
Sending out wrong box.....	2
Transmitter, defective.....	7
Turning on system.....	4
Unknown.....	62
Water hammer.....	45
" in dry pipe system.....	51
" backing up in drain.....	1
Working on system.....	9
Totals.....	202

## DUTY PERFORMED

Hours service 92 h. 33m.

Detailed duty 54 h. 46m.

# DISTRICTS WHERE FIRES OCCURRED OR ALARMS WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	2699
Roxbury District.....	1184
Charlestown.....	371
East Boston.....	608
South Boston.....	583
Dorchester.....	1188
West Roxbury.....	636
Brighton.....	586
Hyde Park.....	239
Boston Harbor.....	2
Brookline.....	6
Cambridge.....	4
Dedham.....	3
Somerville.....	1
Milton.....	2
Chelsea .....	1
Everett.....	1
Newton .....	2
Watertown .....	1
<b>Total.....</b>	<b>8,117</b>

## WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day			
1924							
January .....	755	Monday .....	1345	Day Service	6 to 7	A.M. ...	98
February .....	535	Tuesday .....	1177		7 to 8	" .....	152
March .....	567	Wednesday .....	1098		8 to 9	" .....	190
April .....	731	Thursday .....	1032		9 to 10	" .....	294
May .....	578	Friday .....	1204		10 to 11	" .....	339
June .....	696	Saturday .....	1188		11 to 12	Noon ...	410
July .....	923	Sunday .....	1073		12 to 1	P. M. ...	449
August .....	536			Night Service	1 to 2	" .....	475
September .....	400				2 to 3	" .....	465
October.....	703				3 to 4	" .....	451
November .....	850				4 to 5	" .....	519
December .....	843				5 to 6	" .....	618
					6 to 7	" .....	511
					7 to 8	" .....	511
					8 to 9	" .....	538
					9 to 10	" .....	548
					10 to 11	" .....	420
					11 to 12	Midnight.	313
					12 to 1	A. M. ...	230
					1 to 2	" .....	176
					2 to 3	" .....	139
					3 to 4	" .....	101
					4 to 5	" .....	79
					5 to 6	" .....	91
<b>Totals.....</b>	<b>*8117</b>		<b>*8117</b>				<b>*8117</b>

\*5 Fires extinguished by occupants are included in these totals.

# STATEMENT BY MONTHS

Of Alarms for Fires Responded to by One or More Companies of this Department, Together with Other Statistics

Months.	Alarms attended by this Dept.			Extinguished by occupant.	Water Damage Calls.	Still Alarms attended by Fire Department only.	Total Alarms.	Sprinklers operated on fires.	Sprinkler breaks or defects.	Alarms for fires on vessels	Covers Spread			Extinguishers used.	Duty at fire and responding to calls			Duty after fires.			Detail after fires.		
	City Boxes.	Still.	Automatic.								At fires and sprinkler calls.	On roofs after fires.	Protecting mds. after fires.		Hrs. m	Hrs. m	Hrs. m	Hrs. m	Hrs. m	Hrs. m	Hrs. m	Hrs. m	Hrs. m
Jan. 1924	322	279	38	16	13	98	766	17	62	4	1397	61	31	8	485.29	43.44	518.27						
Feb. "	233	220	25	14	4	41	537	28	27	4	1987	47	7	10	486.05	42.15	557.13						
Mar. "	281	193	21	10	4	62	571	16	16	0	1267	75	50	4	414.56	53.31	371.54						
April "	246	184	17	10	1	191	729	20	27	1	831	63	4	8	366.41	18.29	310.06						
May "	254	161	19	12	3	128	589	21	21	1	521	34	18	8	287.59	11.29	253.16						
June "	316	179	20	8	0	178	693	8	15	1	843	79	18	11	342.34	25.30	463.21						
July "	363	207	16	18	0	321	921	16	19	6	1180	44	56	4	359.08	19.57	327.08						
Aug. "	228	143	12	12	0	140	542	13	17	1	805	36	6	5	283.27	22.39	533.19						
Sept. "	198	126	18	10	6	154	406	11	15	3	602	19	14	2	205.01	15.36	209.39						
Oct. "	338	189	11	14	0	142	702	8	24	1	278	22	0	7	306.59	17.43	149.56						
Nov. "	396	227	11	17	1	199	852	19	21	1	716	51	7	10	413.08	15.07	306.13						
Dec. "	343	299	33	27	3	135	832	29	57	1	1449	40	19	10	487.34	33.06	453.14						
Totals	3588	2395	258	161	55	1689	8151*	197	321	27	11876	571	230	87	4,439.07	309.06	1,453.49						

\* 21 Alarms for assistance from other cities and towns not included.



10  
GRADE OF LOSSES FOR 1924.

5428	Alarms with no loss				
1002	Fires with loss under \$100				\$39,019.85
784	" " " from \$100 to \$500				177,090.87
231	" " " " \$500 to \$1,000				161,996.11
397	" " " " \$1,000 to \$5,000				879,108.00
102	" " " " \$5,000 to \$10,000				705,768.90
38	" " " " \$10,000 to \$15,000				451,193.61
	Over \$15,000				
1	Jan. 15, 1924,	133-7 Federal St., Slater's Shoe Co., et al			168,976.66
1	" 21, "	220-2 Clarendon St., J. T. Wetherald, et al			22,083.34
1	" 22, "	371 Commonwealth Ave., & 57-61 Mass. Ave., J. W. Hart, et al			44,147.16
1	" 25, "	977-9 Saratoga & 982-6 Bennington Sts., Roslinoid Mig. Co., et al			16,885.30
1	" 27, "	161-5 Meridian St., Estate of S. Goldenberg, et al			77,885.54
1	" 28, "	520-40 Atlantic Ave., Lincoln A. Smith, et al			32,155.23
1	" 29, "	192-4 Mass. Ave., F. J. McGarry, et al			15,696.15
1	Feb. 10, "	43-5 Lagrange St., Boston Young Men's Christian Union			56,238.01
1	" 14, "	33 Albion & 120-2 Tremont Sts., Blanche F. Gallagher, et al			29,303.00
1	" 15, "	144-6 Summer & 1-11 High Sts., S. Ruby, et al			24,708.95
1	" 15, "	39-41 Washington St., S. Klover & Gorman, et al			15,132.55
1	" 19, "	224-4a Tremont St., Trustees Bryant Real Estate Trust, et al			15,723.80
1	" 21, "	156-62 Mass. Ave., & 1-9 Belvidere St., A. R. Whittier, et al			67,744.90
1	" 26, "	134 Huntington Ave., Mrs. M. E. Bordeau, et al			20,942.22
1	" 26, "	104-14 Lincoln St., Brooks Shoe Co., et al			107,026.68
1	Mar. 1, "	318-20 Blue Hill Ave., S. Kabatznick, et al			37,373.75
1	" 5, "	167-73 Summer St., Bluestein Bros., et al			100,031.58
1	" 11, "	69-71 High and 227-9 Purchase Sts., G. H. Wahn Co., et al			86,532.03
1	" 12, "	41-7 Fairmount Ave., H. P. Lodge of Masons, et al			21,502.90
1	" 13, "	107 South St., C. G. Flynn Leather Co., et al			113,942.63
1	" 17, "	130-2 Lincoln St., Kingston Shoe Co., et al			22,513.64
1	" 25, "	R. 361 Warren St., A. Marshall, et al			28,296.92
1	" 29, "	31 Walnut St., Salzberger Mfg. Co.			28,726.25
1	Apr. 8, "	Chestnut Hill Ave. & Dighton St., City of Boston, (Bennet School)			75,000.00
1	" 9, "	47-51 Chardon & 47-9 Bowker Sts., C. B. Salyer & Co., et al			19,530.85
1	" 17, "	49 Summer St., Powers & Allen, et al			41,012.95
1	" 18, "	3-9 State St., State St. Trust Co., et al			15,218.54
1	May 10, "	2301-8 Washington St., Boston Shoe Trimming & Novelty Co., et al			16,311.72
1	" 29, "	Rear 341 Ashland St., W. J. Barry			30,000.00
1	" 30, "	273-85 Congress St., Bacon & Co., et al			37,996.57
1	June 18, "	87-9 Commercial & 47-51 Mercantile Sts., Massachusetts Preserve Co., et al			25,064.51
1	" 18, "	44-8 Portland St., H. & J. Avedon, et al			19,376.41
1	" 21, "	139-43 Merrimac, 145-9 Staniford & 49 Causeway Sts., The Manufacturers Co., et al			19,256.96
1	July 3, "	1612-20 Blue Hill Ave., Price & Nisson, et al			17,843.93
1	" 9, "	572-80 Washington St., & 2-6 Haywood Place, Raphael Bros., et al			32,558.12
1	" 10, "	105 Essex & 109 Kingston Sts., Samuel Lieberman, et al			27,901.93
1	" 27, "	273-85 Congress St., Bacon & Co., et al			51,102.22
1	" 30, "	6 Bismarek St., Oakes Bros., et al			28,416.26
1	" 31, "	109-2 Pearl & 129-35 High Sts., E. S. Emery, et al			83,440.90
1	Aug. 5, "	83-7 Wendell St., Mitchell-Wing Co., et al			36,282.28
1	" 16, "	1259-65 Hyde Pk. Ave., & 1277-83 River St., T. B. Fallon, et al			73,768.11
1	" 16, "	3190 Washington St., J. Haines Estate, et al			44,551.89
1	" 23, "	34-42 Lincoln St., Slater Shoe Co., et al			20,546.52
1	" 30, "	23 Vale St., Grass Golden Shoe Co., et al			21,056.76
1	Oct. 8, "	512-20 Dudley St., O. H. Hodgkins, et al			37,410.30
1	" 9, "	347-347a-b Blue Hill Ave., Wolf Goldstien, et al			19,805.76
1	" 20, "	57 Kneeland St., Apple & Co., et al			30,542.68
1	Nov. 7, "	786 Washington & 5-11 Bennett Sts., S. & S. Dress Mfg. Co., et al			18,934.50
1	" 17, "	50-8 Franklin St., H. L. Stearns & Co., et al			17,736.20
1	Dec. 2, "	626-36 Washington & 1-9 Essex Sts., Hyman Bros., et al			17,071.05
1	" 5, "	51-5 Chardon St., C. B. Salyer, et al			23,014.66
1	" 9, "	782-90 Washington St., M. H. Miller, et al			20,938.14
1	" 13, "	572-580 Washington St., & 6 Wayward Pl., Raphael Bros., et al			18,454.70
1	" 16, "	1230-40 River St., Myer Dana, et al			75,627.68
1	" 26, "	38 Kemble St., H. E. Gibby, et al			51,816.00
1	" 26, "	332 A St., R. W. Redding Estate, et al			70,777.33
1	" 31, "	112-8 Canal & 205-9 Friend Sts., I. Warshaw & Co., et al			29,574.99
8039					4,735,594.68
15	Marine Losses				77,145.02
8054					4,812,739.70
	Rent Losses				12,476.43
63	Sprinkler Losses (no fire)			46,143.67	4,825,216.13
8117					

# CAUSES OF ALARMS AND OF ALARMS WITH LOSS DURING 1924.

	Alarms	Alarms with Loss
a1 Assistance beyond City Limits.....	21	
Arson .....		
Ashes .....		
Benzine.....		
Boilers.....		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective Cigars, Cigarettes and Pipes.....	112	57
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity .....	405	172
4 Explosions .....	173	77
5 Exposure .....	164	153
5a False and Needless Alarms.....	503	
6 Fireworks, Fire Crackers, Balloons, etc.....	48	31
Flues .....		
7 Friction—Sparks—Occasioned by running machinery, in- cluding Pickers, Carding Machines, Gins, etc.....	3	1
Furnaces .....		
Gas .....		
8 Gas—Natural and Artificial .....	67	35
Gasolene .....		
9 Hot Ashes and Coals.....	80	37
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	143	24
11 Hot or Molten Metal.....	9	4
Hot Water Pipes.....		
12 Incendiarism .....	16	13
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodded.....	1	
14 Lightning—buildings not rodded.....	10	8
Locomotives.....		
15 Matches .....	980	641
16 Miscellaneous—Cause known but not Classified.....	390	35
17 Open Fires .....	144	4
18 Open Lights.....	158	91
19 Petroleum and its products.....	127	52
Pickers .....		
Railroad .....		
19a Rekindling of a previous fire.....	12	4
20 Rubbish and Litter.....	1976	4
21 Smoking .....	552	353
22 Sparks—Arising from combustion.....	167	93
23 Sparks on Roof.....	105	74
24 Spontaneous Combustion.....	96	59
24a Sprinklers .....	321	63
Stacks .....		
25 Steam and Hot Water Pipes.....	26	6
26 Stoves, Furnaces, Boilers and their pipes.....	779	149
Stove Pipes .....		
27 Unknown .....	530	449
28 Unknown origin but investigation important.....		
Totals.....	8117	2689

This table includes 1689 fire department still alarms of which we were not notified, 5 fires for which no alarms were given but which were extinguished by occupants.



# STATEMENT BY MONTHS OF INSURANCE AND LOSSES.

Months	Buildings			Contents			Rents		Vessels		Sprinkler Losses (no fire)	
	Insurance	Loss Insured.	Loss not Ins.	Insurance.	Loss Insured.	Loss not Ins.	Insurance.	Loss	Insurance.	Loss	Insurance	Loss
1924												
Jan.	\$7,884,639.71	\$314,550.64	\$14,333.44	\$1,686,662.37	\$316,531.62	\$20,433.47	\$76,100.00	\$1,212.30	\$241,750.00	\$348.77	\$241,750.00	\$17,525.50
Feb.	8,639,740.00	287,990.59	13,506.06	8,023,190.00	349,936.54	25,166.05	64,600.00	4,056.77	141,500.00		141,500.00	6,620.65
Mar.	3,530,386.00	180,788.73	1,162.03	2,599,957.00	441,866.69	40,306.64	7,300.00	75.00	154,100.00		154,100.00	101.92
April	10,061,078.00	88,192.95	59,100.00	1,649,509.00	132,351.89	34,185.95	52,350.00	866.66		111.25		30.00
May	3,317,613.00	78,304.27	11,714.00	1,055,660.00	116,800.60	30,419.69				70,325.00		4.00
June	5,535,100.00	132,943.55	4,476.08	1,225,660.00	137,175.32	9,714.05	38,700.00	314.00			59,000.00	58.03
July	8,737,754.00	102,974.66	3,026.00	5,658,222.00	295,176.94	6,501.57	306,000.00	1,357.14		1,335.00		
Aug.	5,919,733.00	143,136.08	1,755.00	1,382,894.50	213,363.10	6,608.00	56.00	46.00				5.00
Sept.	3,390,943.00	54,390.53	970.00	635,650.00	63,573.96	4,150.00	10,000.00	123.75	152,938.00	225.00	152,938.00	426.66
Oct.	7,047,705.00	110,275.08	1,635.37	2,352,862.00	94,421.94	8,215.00	300,000.00	250.00		200.00		
Nov.	4,051,611.13	124,139.76	3,876.56	2,033,870.00	114,125.10	15,964.32	2,500.00	54.16	14,500.00	100.00	14,500.00	752.80
Dec.	7,093,713.00	189,676.88	3,656.35	2,776,952.50	314,351.27	17,677.36	27,456.00	1,090.65	1,256,800.00	4,500.00	1,256,800.00	20,619.11
Totals	\$75,270,015.84	\$1,807,363.72	\$119,210.89	\$31,081,279.37	\$2,589,677.97	\$219,342.10	\$885,562.00	\$12,476.43	\$2,023,588.00	\$77,145.02	\$2,023,588.00	\$46,143.67

\*Loss on Vessels not insured \$14,860.00.

\*Insured loss on Vessels \$62,285.02.

STATISTICS FOR YEAR ENDING  
DECEMBER 31, 1924

Population .....	748,143
Area Square Miles.....	47.81
Number of Brick, Stone, Concrete, Steel frame, B, etc...36,587	} *117,285
" " Wooden Buildings.....80,698	
" " Alarms, exclusive of False and Needless..... 7,272	} 8,117
" " False and Needless Alarms..... 503	
" " Calls to assist other Cities and Towns..... 21	
" " Sprinkler System breaks and defects..... 321	
" " Fires in Brick and Stone Buildings..... 2,552	} 7,272
" " Fires in Wooden Buildings..... 1,756	
" " Fires in Concrete Blocks..... 60	} 7,272
" " Fires in Fireproof..... 1	
" " Fires in Ironclad..... 31	
" " Fires in Reinforced Concrete..... 3	
" " Fires not originating in Buildings..... 2,869	} 7,272
" " Fires confined to floor where fire ....	
originated..... 3,857	
" " " confined to Building but not	
to floor of origin..... 389	
" " " extending to adjoining Build-	
ing..... 127	
" " " extending beyond adjoining	
Building ..... 30	
" " " originating in Automobiles.. 430	
" " " not originating in Buildings 2,380	
" " " not originating in, but invol-	
ving Buildings ..... 59	

\* January 1, 1925. By courtesy of City of Boston Building Department.

	Buildings includ- ing Docks, Vessels, Tank and Per- manent Fixtures.	Contents	Total
Total Insurance on the property on which claim for loss was made .....	\$75,795,015.84	\$31,081,279.37	\$106,876,295.21
Total Insurance Loss....	1,869,648.74	2,589,677.97	4,459,326.71
Total Loss (insured and uninsured) .....	2,003,719.63	2,809,020.07	4,812,739.70
Rents insured.....			12,476.43
Losses on buildings and contents in which fires originated, i.e., direct losses .....	1,965,442.49	2,762,086.10	4,727,528.59
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	38,277.14	46,933.97	85,211.11

### Review of grade of losses for ten years

Years	Total Al'm.	No Loss	Under \$100	\$100 to 500	\$500 to 1000.	\$1000 to 5000.	\$5000 to 10,000	\$10,000 to 15,000	Over 15,000
1915	5532	3280	1044	641	207	251	45	18	29
1916	4656	2742	930	549	155	197	44	7	32
1917	5025	2996	981	605	159	199	31	12	42
1918	5433	3617	892	531	115	191	30	10	35
1919	5647	3687	903	574	155	208	30	17	26
1920	4688	2928	780	536	135	223	37	15	34
1921	5268	3320	820	612	167	227	53	25	44
1922	6184	4048	886	651	198	285	59	17	40
1923	7377	5069	977	693	168	319	76	33	54
1924	8117	5428	*1037	*804	*239	*105	*105	40	59

\*63 Sprinkler losses included, viz., 33 under \$100. 15 from \$100 to \$500.  
6 from \$500 to \$1,000. 6 from \$1,000 to \$5,000. 3 from \$5,000 to \$10,000.

### Review of total alarms, fires with loss, loss, average loss of total alarms, and average loss of fires with loss, for ten years

Years.	Total Alarms.	Fires with Loss	Loss.	Average Loss of Total Alarms.	Average Loss of Fires with Loss.
1915	5,532	2,243	\$3,004,599.48	\$543.13	\$1,339.54
1916	4,656	1,914	2,473,801.16	531.31	1,292.47
1917	5,025	1,955	4,056,887.34	807.34	2,075.13
1918	5,433	1,774	2,827,612.34	520.45	1,593.92
1919	5,647	1,921	2,581,085.15	457.07	1,343.61
1920	4,688	1,707	3,143,528.89	670.54	1,841.55
1921	5,268	1,910	4,017,158.64	762.56	2,103.22
1922	6,184	2,109	3,331,485.17	538.73	1,568.88
1923	7,377	2,271	6,323,331.48	857.17	2,784.38
1924	8,117	†2,626	4,825,216.13	594.48	1,837.48

The above tables include Still Alarms.

† Does not include 63 Sprinkler losses.

In conclusion, I desire to express my sincere thanks to all departments or persons who have in any way assisted this Department during the past.

Respectfully submitted,

H. E. THOMPSON,

*Superintendent of Department*

## MEDICAL EXAMINER'S REPORT

1924

HENRY E. THOMPSON,

*Supt. Boston Protective Department.*

*Dear Sir*—Your Medical Officer respectfully submits the following report for the year ending December 31, 1924:

Applicants examined.....	38
Promotions. Examinations for.....	8
Members. Visits to sick.....	40
Members. Visits to injured.....	32
Physicians reports. Attending.....	162
Special reports.....	1
Certificates. Return to duty.....	73
Applicants rejected due to physical disabilities.....	5

W. F. TEMPLE Jr., M. D.

*Medical Officer, Boston Protective Department.*

## DESCRIPTIVE LIST OF MOTOR APPARATUS

Rotation	Put in Service.	Maker's name	No.	Cooling System	Cylinders.		Wheel Base.	Tire size.		Weight Loaded.	Company Assigned	Remarks.
					No.	Size.	H.P.	Front.	Rear.			
3	Oct. 17, 1910	Knox Auto. Co.	3788	W	4	5 1/2	48	38 x 7	40 x 8	11,000	2	
5	Aug. 7, 1912	The White Co.	15218	W	4	4 1/4	28	38 x 7	40 x 8	9,730	3	Condemned
7	Nov. 10, 1914	The White Co.	21625	W	6	4 1/4	43	38 x 7	40 x 8	10,590	1	
8	" "	"	21626	W	6	4 1/4	43	38 x 7	40 x 8	10,530	1	
9	" "	"	21628	W	6	4 1/4	43	38 x 7	40 x 8	10,375	3	Condemned
10	Aug. 18, 1916	"	26414	W	6	4 1/4	43	38 x 7	40 x 8	10,700	3	
12	Mar. 30, 1918	"	42874	W	6	4 1/4	43	38 x 7	40 x 8	10,400	3	
13	Sep. 19, 1919	"	51184	W	4	4 1/4	28	38 x 7	40 x 8	10,700	2	
14	Sep. 4, 1920	Ford	4051284	W	4	3 3/4	22	30 x 3 1/2	32 x 4 1/2	.....	3	
D	Mar. 23, 1922	The Buick Co.	788639	W	6	3 3/4	27	34 x 4 1/2	34 x 4 1/2	10,700	S	Turned in
15	Sep. 4, 1923	Mack Motor Co.	4721420	W	4	4 1/4	28	38 x 7	40 x 8	9,630	2	
16	Mar. 24, 1924	The Buick Co.	472114	W	4	4 1/4	28	38 x 7	40 x 8	9,630	3	
E	May 2, 1924	The Buick Co.	118871	W	6	3 3/4	27	33 x 5	33 x 5	.....	S	
17	Aug. 5, 1924	Mack Motor Co.	472115	W	4	4 1/4	28	38 x 7	40 x 8	11,000	1	

W — Water.

S Superintendent

## CALLS RESPONDED TO AND MILES TRAVELLED

No.	Years	1924		Totals	
		Calls	Miles	Calls	Miles
3	1910-1923 Inclusive	7,669	17,935.7	280	706.9
5	1912-1923 "	8,896	33,126.1	.....	.....
7	1914-1923 "	4,921	8,515.2	756	1,518.7
8	1914-1923 "	5,069	9,094.9	722	1,401.6
9	1916-1923 "	6,217	39,055.1	44	313.2
10	1916-1923 "	3,499	14,838.3	1173	5,928.3
12	1918-1923 "	3,718	11,130.6	1487	7,937.4
13	1919-1923 "	4,767	11,180.3	786	1,807.5
14	1920-1923 "	.....	6,469.5	.....	2,639.0
15	1923	287	815.1	1299	3,613.0
16	"	.....	.....	76	725.0
17	"	.....	.....	5	72.0
D	1922-1923	.....	13,013.2	.....	2,920.0
E	"	.....	.....	.....	5,781.0

**FRANK H. CHAMBERLAIN CO., INC.**  
**311 Washington St.                  659 Washington St.**  
**Boston**

Boston Protective Dept.,  
 40 Purchase Street,  
 Boston.

Gentlemen:—

I wish to extend my appreciation of the excellent work done in my store by your very efficient Protective Force on the night of Jan. 24th.

Very truly yours,  
**FRANK H. CHAMBERLAIN.**

Jan. 25, 1924.

**EDGAR T. WARD'S SONS CO.**  
**General Offices, Newark, N. J.**

Boston Protective Company,  
 Boston, Mass.

Gentlemen:—

We are today in receipt of advices from our Boston Manager, Mr. E. T. Corbus, in which he reports the fire which occurred on the eighth floor of our Building, 44 Farnsworth Street, your city, on Saturday evening last.

Mr. Carbus has taken occasion to tell us of the very prompt and efficient action on your part in minimizing the damage, and we take this means to express to you our sincere thanks. We undoubtedly would have encountered considerable damage, except for your prompt response to the alarm and we are indeed grateful for the service you have rendered.

Very truly yours,  
**EDGAR T. WARD'S SONS CO.**

F. N. Fingle, Vice-President.

February 5, 1924.



**THE UNION**  
**48 Boylston St., Boston.**

H. E. Thompson, Supt.,  
 Boston Protective Department,  
 Boston, Massachusetts.

Dear Sir:—

The Trustees and Directors of the Union wish to express to you, and through you to the officers and men of your Department who may have been directly associated with our recent fire, full appreciation of the earnest and efficient work performed.

Because of their interest and skill a much larger loss, as well as a considerable interruption to our work, has been avoided.

Very truly yours,  
 FRANK L. LOCKE, President

February 12, 1924

**WEST ROXBURY POST, No. 167, INC.**  
**Department of Massachusetts**  
**THE AMERICAN LEGION**  
**1996 Centre St., West Roxbury, Mass.**

Mr. Henry E. Thompson,  
 Superintendent, Protective Dept.  
 40 Purchase Street,  
 Boston, Mass.

Dear Sir:—

The members of West Roxbury Post 167 in Meeting assembled Monday evening, May 12th, unanimously voted to forward you a letter of appreciation for the efficient manner in which your department protected our building and furnishings on the occasion of the fire in our Clubhouse early last Saturday morning.

It is sincerely felt that but for the excellent work of your department the loss sustained would have been considerably greater.

Very truly yours,  
 G. GORDON WATT,  
 Building Trustee.

May 13, 1924.



**LOUIS WOLF & CO.**

102-106 Pearl St., Boston

268-276 Fourth Ave., N. Y.

Boston Protective Dept.,  
40 Purchase Street.  
Boston, Mass.

Dear Sir:—

We wish to take this opportunity of expressing our commendation of the manner in which your Department protected our property on the occasion of fire occurring on Thursday noon, 31st of July.

We are quite positive that except for the quick work, intelligence, promptness and efficiency of your chiefs and men, the water damage and loss would have exceeded that caused by the fire.

We feel sure that our expression of appreciation will be acceptable and furthermore are pleased to hand you herewith, our check of modest amount, for application to the Benevolent Fund of the Department.

A similar letter and accompaniment we are sending by same mail to the Fire Dept.

Very truly yours,

LOUIS WOLF & CO.,

Thos. E. Stutson.

Aug. 28, 1924.

**EXPRESS EXCHANGE, INCORPORATED****273 Main Street, Watertown, Mass.**

Supt. H. E. Thompson,  
Boston Protective Dept.,  
40 Purchase Street,  
Boston, Mass.

My Dear Sir:—

On Thursday evening, Sept. 25th, there occurred a fire at one of our General Express Offices located at number 151 Kingston St. and I hope you will excuse me if I say a few words in regard to it.

Early in the evening I was notified by telephone in regard to the fire and Mrs. Butters and I drove in expecting to find considerable damage to the contents of the office and also other disagreeable things usually found after a fire but we were more than pleased to find how carefully every thing had been protected and taken care of.

Although we arrived about eleven o'clock the fire was all out and the windows boarded up and the doors locked up and everything in shipshape condition and I want to express to you and your department our sincere appreciation of the efficient and careful manner in which you handled this situation.

Please find enclosed a check for \$10.00 as a small expression of our appreciation of the satisfactory way you conducted yourself on this occasion and I hope it will bring some relief to some one in your department if a need arises.

Thanking you for your very great courtesy I remain,

Very truly yours,

HORATIO BUTTERS.

Sept. 30, 1924.

Put in service.....		Nov. 10, 1914.	Nov. 10, 1914	Oct. 17, 1910	Aug. 7, 1912	Nov. 10, 1914	Aug. 8, 1916	Mar. 30, 1918	Sept. 19, 1919	Sept. 4, 1920	Mar. 23, 1922	Sept. 4, 1923	Mar. 24, 1924	May 2, 1924	Aug. 5, 1924
Makers .....		The White Co.	The White Co.	Knox Motor Co	The White Co.	The White Co.	The White Co.	The White Co.	The White Co.	Ford	The Buick Co.	Mack Motor Co.	Mack Motor Co.	The Buick Co.	Mack Motor Co.
Company Nos.....		1.	1a.	2.	3.	3a.	Unassigned	Unassigned	2a.	Service		2	3.		1.
Makers No.....		21625	21626	3788	15218	21628	26414	42874	51184	4051284	788639	471420	472114	1188871	472115
Expense.....		1924	1924	1924	1924	1924	1924	1924	1924	1924	1924	1924	1924	1924	1924
<b>Body—</b>	Repairs .....	\$ 67.91	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....
	Painting .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Bell .....	57.75	33.35	5.42	....	....	6.00	13.91	5.00	....	....	26.35	....	....	....
<b>Chassis—</b>	Repairs .....	237.43	27.61	18.02	....	....	182.04	58.21	84.49	16.46	....	60.23	....	1.15	....
	Shock Absorber ....	17.50	....	....	....	....	17.50	....	....	....	....	....	....	....	....
<b>Electric—</b>	Lighting .....	15.98	32.97	3.63	....	....	18.17	57.76	9.08	6.29	....	8.02	4.46	....	3.17
	Starting .....	5.85	21.25	8.60	....	....	7.65	51.33	3.12	2.75	....	....	....	....	....
	Batteries .....	.50	60.70	....	....	....	.50	69.09	3.00	17.55	....	....	....	....	....
<b>Engine—</b>	Repairs .....	187.99	38.80	105.05	....	....	626.84	29.24	105.55	30.50	92.42	5.75	....	11.51	....
<b>Cases—</b>	New.....	107.70	92.80	....	....	119.60	212.40	....	....	46.00	23.00	1.00	....	....	....
	Repairs .....	....	....	....	....	....	....	....	....	7.00	....	....	....	....	....
<b>Tubes—</b>	New.....	13.05	23.76	....	....	15.20	39.20	15.20	....	14.65	4.24	....	12.00	....	9.95
	Repairs .....	4.60	2.35	....	....	....	....	2.00	....	6.25	....	....	2.00	....	....
<b>Rims—</b>	New.....	....	....	....	....	....	....	....	....	....	....	4.00	....	....	....
	Repairs .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>Chains, etc.</b>	Chains.....	21.83	21.83	29.12	....	....	9.75	9.75	29.13	9.75	9.75	26.00	....	....	12.09
	Hooks .....	4.00	4.00	.67	....	....	3.50	3.50	1.67	....	1.00	.60	....	....	4.00
<b>Accessories</b> .....		10.00	27.35	6.00	....	....	43.95	15.19	5.80	18.00	....	....	....	11.00	....
Totals .....		\$752.09	\$436.77	\$176.51	\$ ....	\$134.80	\$1,167.50	\$328.18	\$246.84	\$175.20	\$130.41	\$131.95	\$18.46	\$23.66	\$29.21

SUPPLIES AND TOOLS

	Co. No. 1	Co. No. 2	Co. No. 3	
Gasoline .....	\$228.50	\$296.50	\$851.50	\$1376.50
Oils .....	108.80	35.74	323.14	467.68
Grease .....	12.00	9.36	24.74	46.10
Soap .....	21.33	21.21	44.59	90.13
Polish .....	22.50	20.43	12.50	55.43
Tools new and repd. ....	8.68	22.50	1.50	32.68
Totals .....	\$401.81	\$408.74	\$1257.97	\$2068.52



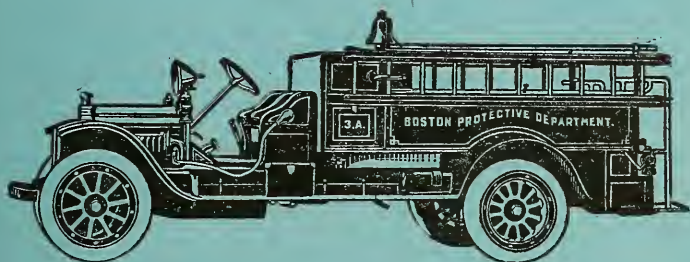




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Boston Protective Department

May 29 1926



FIFTY-SECOND

ANNUAL REPORT

FOR THE CALENDAR YEAR

1925






FIFTY-SECOND  
ANNUAL REPORT

OF THE

**Boston Protective Department**

FROM

January 1, 1925 to January 1, 1926



## OFFICERS

---

*President:*

C. H. J. KIMBALL

*Vice-President:*

R. J. DUNKLE

*Directors:*

TO SERVE UNTIL MARCH, 1926

JOHN P. MEADE

C. H. J. KIMBALL

BURTON S. FLAGG

TO SERVE UNTIL MARCH, 1927

A. W. HOLLIS

T. H. RATIGAN

A. K. POPE

TO SERVE UNTIL MARCH 1928

R. J. DUNKLE

WILLIAM GILMOUR

EDWARD C. STONE

*Secretary-Treasurer:*

CHARLES W. GOODING

*Superintendent:*

H. E. THOMPSON

*Medical Officer:*

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1926.

TO THE MEMBERS OF THE  
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 52nd Annual Report of the Department with the reports of the Superintendent, Treasurer, Medical Officer and statistical tables.

The Board recommends, first, that the active duties of the Department be continued for another year; second, that the Directors be authorized to expend for the maintenance of the Department during the year a sum not exceeding two hundred and eighteen thousand dollars.

For the Directors,  
C. H. J. KIMBALL,  
President.

## TREASURER'S REPORT

CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR  
ENDING DECEMBER 31, 1925

## RECEIPTS:

Assessments .....	\$198,024.75
Interest .....	832.81
Special Service .....	3,934.91
Transferred from Reserve .....	25,000.00
	<hr/> \$227,792.47

## EXPENDITURES:

Pay Roll and Salaries .....	\$187,243.68
Repairs and Furnishings of Houses .....	306.28
Telephone and Fire Alarm .....	1,219.10
Water, Light and Fuel .....	4,153.23
Printing, Stamps and Office Supplies .....	1,096.31
Auto Supplies and Repairs .....	5,983.28
Miscellaneous Department Supplies .....	2,204.79
New Equipment and Furnishings .....	679.15
Repairs of Equipment .....	220.04
Rent and Taxes .....	7,415.10
Compensation and other Insurance .....	9,618.17
Sundries .....	491.21
	<hr/>
Total Expenditures .....	\$220,630.34
Balance, December 31, 1925 .....	7,162.13
	<hr/> \$227,792.47

CHARLES W. GOODING. *Treasurer.*

Boston, January 14, 1926.

Audited and found correct

S. T. EMERY,	} <i>Auditing Committee.</i>
WM. H. LORING,	
W. H. ROGERS	

## STATEMENT OF ASSESSMENTS MADE IN 1925

July 1, 1924, to December 31, 1924:

Premiums on Fire & Sprinkler	
Damage .....	\$4,104,132.37 at 2½%      \$102,603.37

January 1, 1925, to July 1, 1925:

Premiums on Fire & Sprinkler	
Damage .....	\$4,779,785.80 at 2%      \$95,595.96
	<hr/>
	\$198,199.33
Assessments not Paid	174.58
	<hr/>
	\$198,024.75

July 1, 1925, to December 31, 1925:

Premiums on Fire & Sprinkler	
Damage .....	\$4,265,563.07 at 2%      \$85,301.28

## SUPERINTENDENT'S REPORT.

HEADQUARTERS BOSTON PROTECTIVE DEPARTMENT. }  
OFFICE OF SUPT., NO. 40 PURCHASE ST. }

BOSTON, January 1st, 1926.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Fifty-second Annual Report of operations of the Department for the year ending December 31st, 1925.

### CALLS AND SERVICE

The department responded to 3,730 City boxes, 2,340 Verbal, 181 Boston Automatic Fire Alarms, 127 American District Telegraph, which includes 72 Sprinkler Breaks, 198 Sprinkler Troubles, Total 6381; also 38 Water Damages, Total calls 6419.

The service rendered was 69 fire extinguishers used, 11,587 covers spread on merchandise at fires and other calls, 525 covers on roofs, 77 covers protecting merchandise after fires from storms. Total covers used 12,189.

The hours service were 4,692.58 at fires, 289.09 protecting merchandise &c after fires, and 4,616.07 privates detailed after fires. Total 9,598.14.

OF THE 7,678 ALARMS, 4,998 ALARMS OR 65.10 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$5,474,749.06 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings .....	\$ 2,366,056.87	\$248,791.61	\$2,614,848.48
Contents .....	2,657,999.60	134,221.84	2,792,221.44
Rents .....	22,454.19	—	22,454.19
Vessels .....	8,375.00	3,310.00	11,685.00
Cargoes .....	33,539.95	—	33,539.95
Totals .....	\$5,088,425.61	\$386,323.45	\$5,474,749.06

### WATER DAMAGE OTHER THAN FIRES.

	Losses		Total
	Insured	Not Insured	
Building.....		\$3,021.15	\$3,021.15
Contents.....		7,686.00	7,686 00
		\$10,707.15	\$10,707.15

Total calls, 38 (23 with losses). On duty 37h. 49m. Covers spread 185.

ORGANIZATION OF DEPARTMENT.  
Superintendent, HENRY E. THOMPSON.

Co. No. 1. 40 Purchase St.	Total	Co. No. 2. 4 Appleton St.	Total	Co. No. 3. 159-161 Roxbury St.	Total	Grand Total
Captain E. Abbott.....	1	S. A. McDonnell....	1	A. F. Swift.....	1	3
Lieuts. { J. J. Carty.....	2	{ G. E. Blakeley ...	2	{ M. J. Gleason....	2	6
{ J. F. Sullivan.....	12	{ J. S. Weir .....	9	{ B. J. McTernan...	15	36
First Grade Privates.....	1	.....	1	.....	1	3
Second " ".....	12	.....	10	.....	4	26
Third " ".....	1	.....	1	.....		1
Fourth " ".....	1	.....		.....		1
Fifth " ".....		.....		.....		
Totals	29		24		23	76

PENSIONERS

CAPTAINS  
FIRST GRADE PRIVATES

2  
2  
80

OPERATIONS OF THE DEPARTMENT.

		Co.No.1	Co.No.2	Co.No.3
Responses to Alarms.	{ City Boxes.....	1155	1303	2011
	{ Still .....	697	660	1196
	{ Automatic .....	123	80	6
	{ A. D. T.....	89	77	16
Totals .....		2064	2120	3229
Responded to by	{ Automobiles .....	1467	2123	3069
	{ Privates in outlying districts....	784	.....	258
Hours Duty	{ At fires and responding to calls	1516.14	1412.54	1763.50
	{ Assisting Fire Department....	.....	.....	.....
	{ After fires protecting mdse.....	117.34	119.18	52.17
	{ Details after fires.....	2175.58	1190.26	1249.43
Totals .....		3809.46	2722.38	3065.50
Covers Used	{ At fires and sprinkler calls.....	5151	4157	2279
	{ On roofs after fires.....	230	142	153
	{ Protecting mdse. after fires.....	12	2	63
Totals .....		5393	4301	2495
Extinguishers used .....		19	20	30
<i>The Second Section was called in service as follows:</i>				
		Co.No.1	Co.No.2	Co.No.3
On First Alarms	{ When first out section was at fire	176	277	436
	{ When both sec. were at previous fire	15	50	19
	{ While cov. adj. company district	12	41	19
On Second Alarms.....		32	23	22
On Telephone calls.....		49	25	10
On Messenger calls.....		1	0	0
To Cover      Adjoining company district....		86	296	87
Totals .....		371	712	593
		Co.No.1	Co.No.2	Co.No.3
No. fires at which roofs were protected .....		98	68	89



7  
SPRINKLER RECORD.  
FIRES.

Sprinklers Operating			Heads	Sprinkler Heads Replaced			Heads	Where Sprinkler Heads Operated	Floors	Condition of System when left	No.	
109	Fires of	1 head each	109	107	Fires of	1 head each	107	Sub-Basement	6	O. K.	160	
37	" "	2 heads "	74	34	" "	2 heads "	68	Basement	64	Partially Operative	5	
18	" "	3 " "	54	15	" "	3 " "	45	First-floor	34	Shut Off	25	
5	" "	4 " "	20	1	" "	4 " "	16	Second "	21			
3	" "	5 " "	15	2	" "	5 " "	10	Third "	21			
3	" "	6 " "	18	3	" "	6 " "	18	Fourth "	18			
2	" "	7 " "	14	2	" "	7 " "	14	Fifth "	14			
*3	" "	8 " "	24	2	" "	8 " "	16	Sixth "	8			
2	" "	10 " "	20	1	" "	27 " "	27	Seventh "	3			
3	" "	12 " "	36					Ninth "	1			
2	" "	14 " "	28									
1	" "	15 " "	15									
1	" "	27 " "	27									
1	" "	31 " "	34									
190	Totals		488	Totals			321	Totals		190	Totals	190

\* 1 Fire operated 2nd, 3rd, 4th and 5th floors.

RUPTURED HEADS AND PIPES.

Sprinklers Ruptured		Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off
35	Breaks of 1 head ea.	35	Water freezing in heads	16	Condition	11		5
2	" " 2 heads ea.	4	" " "couplings	3	"			3
4	" " Couplings		" " "elbows	7	"	4		3
8	" " Elbows		" " "pipes	9	"	2	3	4
22	" " Pipes		Striking heads	6	"	4		2
1	" " Water Gauge		Defective heads	12	"	11		1
			" pipes	3	"	2		1
			Striking elbows	1	"			1
			" pipes	6	"	3	2	1
			Unknown	9	"	6	1	2
72	Totals	29	Totals	72	Totals	43	6	23

DUTY PERFORMED

Hours service 76h, 3m. Detailed duty 24h, 43m. Extraservice 1h, 7m. Covers spread 340

TROUBLES.

Alarm pots, defective.....	9
Closing valves by mistake (1 sec 1 city).....	2
Short circuit in alarm wires.....	4
Leaky couplings.....	1
" valves (1 sec 1 drip).....	2
Opening valves (1 test 2 drip). ....	3
Tank overflowing.....	1
Transmitter, defective.....	2
Unknown.....	52
Water hammer.....	50
" in dry pipe system.....	57
Working on system.....	15
Totals.....	198

DUTY PERFORMED

Hours service 107h, 40m. Detailed duty 75h, 3m.  
Covers spread 1

# DISTRICTS WHERE FIRES OCCURRED OR ALARMS WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	2456
Roxbury District.....	1229
Charlestown.....	375
East Boston.....	586
South Boston.....	481
Dorchester.....	1101
West Roxbury.....	671
Brighton.....	504
Hyde Park.....	247
Boston Harbor.....	1
Brookline.....	7
Cambridge.....	1
Dedham.....	6
Somerville.....	3
Milton.....	7
Quincy.....	1
Winthrop.....	1
Newton.....	1
Total.....	7,678

## WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day	
1925					
January .....	681	Monday .....	1005	Day Service	6 to 7 A.M. ... 90
February .....	528	Tuesday .....	1061		7 to 8 " ..... 103
March .....	671	Wednesday .....	1153		8 to 9 " ..... 203
April .....	836	Thursday .....	1160		9 to 10 " ..... 254
May .....	546	Friday .....	1079		10 to 11 " ..... 318
June .....	704	Saturday .....	1190		11 to 12 Noon ... 367
July .....	609	Sunday .....	1030		12 to 1 P. M. ... 392
August .....	516				1 to 2 " ..... 399
September .....	540				2 to 3 " ..... 424
October .....	586				3 to 4 " ..... 429
November .....	685				4 to 5 " ..... 533
December .....	776				5 to 6 " ..... 603
Totals.....	*7678		*7678	Night Service	6 to 7 " ..... 487
					7 to 8 " ..... 491
					8 to 9 " ..... 520
					9 to 10 " ..... 523
					10 to 11 " ..... 399
					11 to 12 Midnight. 311
					12 to 1 A. M. ... 215
					1 to 2 " ..... 184
					2 to 3 " ..... 132
					3 to 4 " ..... 135
					4 to 5 " ..... 77
					5 to 6 " ..... 80
					*7678

\*6 Fires extinguished by occupants are included in these totals.

# STATEMENT BY MONTHS

Of Alarms for Fires Responded to by One or More Companies of this Department, Together with Other Statistics

Months.	Alarms attended by this Dept.				Extinguished by occupant. No alarm given.	Water Damage Calls.	Still Alarms attended by Fire Department only.	Total Alarms.	Sprinklers operated on fires.	Sprinkler breaks or defects	Alarms for fires on vessels	Covers Spread			Extinguishers used.	Duty at fire and responding to calls		Duty after fires protecting mds.	Detail after fires.
	City Boxes.	Still.	Automatic.	A. D. T.								At fires and sprink- ler calls.	On roofs after fires.	Protecting mds. after fires.		Hrs. m	Hrs. m		
Jan. 1925	321	258	27	16	1	7	57	687	28	39	1	1906	65	13	7	682 32	53 51	618 02	
Feb. "	275	168	12	13	1	4	57	528	14	26	2	978	63	0	4	384 34	30 46	351 45	
Mar. "	333	169	16	14	0	3	137	673	11	23	0	631	44	0	6	374 20	17 37	442 50	
April "	380	198	12	11	0	4	231	835	22	13	0	1058	33	11	6	413 43	28 51	468 57	
May "	276	156	7	10	0	4	97	518	15	12	0	1062	38	3	9	339 47	32 25	311 24	
June "	335	211	22	14	0	4	120	706	16	30	3	710	22	5	11	349 11	17 57	407 12	
July "	289	160	11	12	0	1	136	609	11	21	5	595	25	0	6	277 39	16 46	374 06	
Aug. "	256	156	16	15	0	3	81	517	18	17	2	466	35	0	3	280 46	6 28	286 25	
Sept. "	270	159	17	11	0	2	82	541	9	28	6	573	38	5	6	270 19	10 06	169 18	
Oct. "	310	183	5	3	0	5	83	589	20	6	1	1005	59	2	3	372 25	21 44	272 01	
Nov. "	336	233	14	8	4	0	84	679	13	18	3	682	37	10	3	398 33	13 42	302 12	
Dec.	349	289	25	10	0	5	99	777	23	37	1	1911	66	22	5	549 09	38 56	608 55	
Totals	3730	2340	184	127	6	38	1264	7689	190	270	26	11587	525	77	69	4 692 58	289 09	4 616 07	

\* 27 Alarms for assistance from other cities and towns not included

10  
GRADE OF LOSSES FOR 1925.

4998	Alarms with no loss					
975	Fires with loss under	\$100				\$39,371.18
816	" " " " from	\$100 to	\$500			191,303.43
248	" " " " " "	500 to	\$1,000			164,979.53
379	" " " " " "	\$1,000 to	\$5,000			880,558.27
100	" " " " " "	\$5,000 to	\$10,000			697,507.39
31	" " " " " "	\$10,000 to	\$15,000			375,906.20
	Over \$15,000					
1	Jan. 1, 1925,	Peterborough St., Mrs. Louis Prang, et al				44,807.44
1	" 4, "	906-8 Beacon St., Scobey Hospital, et al				28,460.94
1	" 9, "	Cor. Parker & Station Sts., Burkhardt Corporation				20,715.27
1	" 13, "	261 Roxbury St., City of Boston, (Myles Standish School)				35,000.00
1	" 13, "	30-8 Summer St., The Kennedy Co., et al				227,091.91
1	" 14, "	49-55 Haverhill & 66-70 Traverse Sts., Boston Supply Co., Inc., et al				15,811.06
1	" 17, "	152 Causeway St., Boston & Maine R. R.				17,543.96
1	" 20, "	2164-8 Washington St., D. Siegal, et al				18,352.36
1	" 23, "	503-23 Medford St., S. M. Howes Co., et al				22,911.34
1	" 23, "	42-6 Stillman St., Boston & Lowell Bottling Co., et al				33,102.98
1	" 24, "	103 Medford St., Palmer & Parker				26,346.00
1	" 27, "	222-30 Commercial St., Howe & Bainbridge, et al				26,589.59
1	" 27, "	33-6 Commercial Wharf, Berry Dodge Co., et al				68,835.34
1	" 30, "	12-14 Winter St., Jackson Confectionery Co., et al				44,392.25
1	Feb. 6, "	78-80 Beverly St., Gold Brand Confectionery, et al				16,707.43
1	" 8, "	322-8 Washington & 1-11 Milk Sts., F. L. Dunne & Co., et al				172,725.30
1	" 14, "	4 Central Wharf, Central Engineering Co., et al				17,366.08
1	" 16, "	119-25 Milk St., New England Telephone & Telegraph Co				42,608.18
1	" 20, "	458-62 Harrison Ave. & 2-6 Thayer St., Trimount Clothing Co., Inc., et al				17,057.74
1	Mar. 2, "	10 Brainerd Rd., H. Klayman, et al				15,410.36
1	" 8, "	83-93 Stoughton St., J. A. Aicarde				28,236.00
1	" 16, "	1089-95 Tremont St., Prince Hall, Masonic Grand Lodge Corp.				20,000.00
1	" 18, "	20 Belgrade Ave. & 4-6 Corinth St., Roslindale Electric Co., et al				24,614.54
1	" 27, "	47 Union Ave., Atlantic Cone Co., Inc., et al				52,646.50
1	Apr. 13, "	6-12 Beach St., Hy-Grade Dress Co., et al				36,143.30
1	" 14, "	10-12 Williams St., Cabel Mfg. Co., et al				51,029.74
1	" 18, "	1112-18 Boylston St., Arnold Furniture Co., et al				16,227.74
1	" 19, "	503-9 Medford St., S. M. Howes Co., et al				158,167.72
1	" 21, "	810-12 Washington St., Chesterfield Furniture Co., et al				16,253.28
1	May 8, "	1-21 So. Market St., Boston Fruit & Produce Exchange Co., et al				201,952.32
1	" 11, "	43-5 West St., Jay's Inc., et al				58,359.94
1	" 14, "	7-11 Otis St., Hite & Alkon, et al				47,130.73
1	" 18, "	959-61 Columbus Ave., Landy Bros., et al				16,957.60
1	" 26, "	239 Sumner St., Boston Terminal Refrigerating Co., et al.				47,377.88
1	" 28, "	6-14 Brattle Sq., Quincy House, et al				15,503.04
1	June 1, "	133 Halleck St., J. A. De Vito & Co., et al				22,098.00
1	" 8, "	36 India St., Natural Products Co., et al				45,902.58
1	" 17, "	337 Marginal St., Booth Fisheries Co.				75,925.91
1	" 22, "	93-5 Border St., Manson Lumber Co., et al				108,460.98
1	" 26, "	7-8 Fulton Pl., S. Rubin Co., et al				19,153.41
1	July 3, "	50 Essex St., A. J. Epstein & Co., et al				30,750.00
1	" 5, "	1486 Tremont St., Coca Cola Co., et al				24,860.26
1	" 20, "	165 Ruggles St., Ruggles Street Baptist Church				91,348.61
1	" 25, "	18-40 Washington St., Oppenheim Bros. & Co., et al				19,102.75
1	" 26, "	637 Dudley St., I. A. Hamm, et al				42,706.83
1	Aug. 3, "	200 Dartmouth St., A. E. Chandler, et al				15,537.00
1	" 11, "	944-48 Saratoga St., E. J. McHugh				18,408.50
1	" 22, "	14 Mildred Ave., M. R. Thomas, et al				33,474.64
1	" 29, "	121 Putaw St., V. Micaglia, et al				20,348.50
1	" 29, "	18-24 Atlantic Ave., Post Publishing Co., et al				219,502.00
1	Sept. 27, "	1240a-54 River St., Dedham & Hyde Park Gas Co., et al				42,236.73
1	Oct. 4, "	272-4 Boylston & 51 Providence Sts., G. H. Wirth Co., et al				45,263.59
1	" 25, "	520-40 Atlantic Ave., F. P. Bennett & Co., Inc., et al				15,663.82
1	" 27, "	22-7 Washington St., North, Ellms Inc., et al				21,869.51
1	Nov. 4, "	38-48 Cornhill St., J. Hubbard & Co., et al				19,742.70
1	" 23, "	104-16 Tremont St., Horlick & Merkins, et al				22,707.40
1	" 26, "	Woodman St., Wm. Cardinal O'Connell, (St. Thomas Parochial School)				18,943.00
1	Dec. 3, "	117-23 Beverly & 200 Causeway Sts., American Glue Co., et al				31,232.59
1	" 3, "	744-56 Washington St., C. E. Osgood Co., et al				16,991.15
1	" 6, "	102 Arlington Ave., A. D. Donald, et al				24,841.75
1	" 16, "	222 State & 73-5 Commerce Sts., Johnson-Appleby Co., et al				76,201.93
1	" 23, "	21-3 S. Market & 27 Chatham Sts., Standard Preserve Co., et al				43,998.80
1	" 24, "	36-12 Fulton St., Abram Re, et al				63,928.72
1	" 29, "	30-2 Allston St., R. Goodnow				15,328.00
1	" 31, "	105-11 Summer St., Eastern Clothing Co., et al				21,532.40

7612					5,407,069.92
18	Marine Losses				45,224.95
7630					5,452,294.87
	Rent Losses				22,454.19
48	Sprinkler Losses (no fire)			34,111.00	5,474,719.06
7678					

CAUSES OF ALARMS AND OF ALARMS WITH LOSS  
DURING 1925.

	Alarms	Alarms with Loss
a1 Assistance beyond City Limits.....	27	
Arson .....		
Ashes.....		
Benzine.....		
Boilers.....		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective Cigars, Cigarettes and Pipes.....	131	58
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity .....	427	197
4 Explosions .....	154	80
5 Exposure .....	141	135
5a False and Needless Alarms.....	564	
6 Fireworks, Fire Crackers, Balloons, etc.....	30	21
Flues .....		
7 Friction—Sparks—Occasioned by running machinery, in- cluding Pickers, Carding Machines, Gins, etc.....	27	11
Furnaces .....		
Gas .....		
8 Gas—Natural and Artificial .....	51	31
Gasolene .....		
9 Hot Ashes and Coals.....	58	35
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	134	34
11 Hot or Molten Metal.....	10	6
Hot Water Pipes.....		
12 Incendiarism .....	11	7
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodde.....	0	
14 Lightning—buildings not rodde.....	16	14
Locomotives.....		
15 Matches .....	880	620
16 Miscellaneous—Cause known but not Classified.....	399	53
17 Open Fires .....	155	3
18 Open Lights.....	178	115
19 Petroleum and its products.....	127	40
Pickers .....		
Railroad .....		
19a Rekindling of a previous fire.....	9	1
20 Rubbish and Litter.....	1682	8
21 Smoking .....	635	415
22 Sparks—Arising from combustion.....	138	82
23 Sparks on Roof.....	78	61
24 Spontaneous Combustion.....	92	49
24a Sprinklers .....	270	48
Stacks .....		
25 Steam and Hot Water Pipes.....	22	9
26 Stoves, Furnaces, Boilers and their pipes.....	785	157
Stove Pipes .....		
27 Unknown .....	447	390
28 <b>Unknown origin but investigation important.....</b>		
Totals.....	7678	2680

This table includes 1264 fire department still alarms of which we were not notified, 6 fires for which no alarms were given but which were extinguished by occupants.



# STATEMENT BY MONTHS OF INSURANCE AND LOSSES.

Months	Buildings		Contents			Rents		Vessels		Sprinkler Losses (no fire)	
	Insurance	Loss Insured.	Loss not Ins.	Insurance.	Loss Insured.	Loss not Ins.	Insurance.	Loss	Insurance.	Loss	Insurance
Jan. 1925	\$8,580,224.01	\$404,803.57	\$29,528.33	\$5,029,722.74	\$552,705.85	\$25,881.58	\$66,340.00	\$6,306.77	\$333,078.00	\$7,181.90	\$86,300.00
Feb. "	6,131,353.79	143,563.77	2,567.48	6,005,118.00	324,288.71	7,011.30	20,000.00	638.33		5.00	184,500.00
Mar. "	8,438,877.94	195,062.52	8,399.56	8,698,157.47	144,178.36	13,084.44					
April "	8,370,468.73	186,306.04	4,565.02	3,451,349.66	249,389.53	6,014.90	10,300.00	2,617.93			
May "	9,661,779.63	233,698.46	152,630.60	3,971,377.86	271,763.34	12,888.24					
June "	7,504,600.00	200,124.12	24,694.53	1,864,998.00	181,281.07	14,582.07	4,100.00	615.16	15,000.00	25,405.05	60,050.00
July "	6,354,708.40	177,996.93	1,840.43	1,795,788.00	128,833.38	8,913.00			12,000.00	300.00	120,000.00
Aug. "	6,648,410.00	229,027.61	8,677.50	1,160,545.44	179,202.25	12,084.41			5,000.00	3,780.00	1,262,100.00
Sept. "	2,030,783.14	91,081.36	2,667.72	1,518,161.00	92,754.69	7,596.50	21,200.00	10,960.00		250.00	51,500.00
Oct. "	6,521,808.00	153,342.79	6,174.24	2,213,942.67	125,615.41	5,770.00	13,500.00	408.33	15,000.00	2,525.00	3,000.00
Nov. "	8,512,293.33	168,490.78	3,446.73	1,090,692.00	96,616.32	10,879.00	44,600.00	877.67			1,017,100.00
Dec. "	12,261,251.61	280,056.92	3,629.47	3,545,775.30	311,370.78	8,456.40					2,887.40
Totals	\$84,432,580.31	\$2,366,056.87	\$248,791.61	\$32,375,658.14	\$2,657,999.60	\$134,221.81	\$180,040.00	\$22,454.19	\$140,078.00	*\$45,224.95	\$2,784,850.00

\*Loss on Vessels not insured \$3,310.00.

\*Insured loss on Vessels \$11,914.95.

## STATISTICS FOR YEAR ENDING

DECEMBER 31, 1925

Population .....	779,620	
Area Square Miles.....	47.81	
Number of Brick, Stone, Concrete, Steel frame, B, etc.....	38,289	*121,311
“ “ Wooden Buildings.....	83,022	
“ “ Alarms, exclusive of False and Needless.....	6,817	7,678
“ “ False and Needless Alarms.....	564	
“ “ Calls to assist other Cities and Towns.....	27	
“ “ Sprinkler System breaks and defects.....	270	
“ “ Fires in Brick and Stone Buildings.....	2,431	6,817
“ “ Fires in Wooden Buildings.....	1,700	
“ “ Fires in Concrete Blocks.....	65	
“ “ Fires in Fireproof.....	3	
“ “ Fires in Ironclad.....	18	6,817
“ “ Fires in Reinforced Concrete.....	1	
“ “ Fires not originating in Buildings.....	2,599	
“ “ Fires confined to floor where fire ....		
“ “ “ originated.....	3,693	4,218
“ “ “ confined to Building but not		
“ “ “ to floor of origin.....	320	
“ “ “ extending to adjoining Build-		
“ “ “ ing.....	162	6,817
“ “ “ extending beyond adjoining		
“ “ “ Building .....	43	
“ “ “ originating in Automobiles..	426	
“ “ “ not originating in Buildings	2,111	2,599
“ “ “ not originating in, but invol-		
“ “ “ ving Buildings .....	62	

\* January 1, 1926. By courtesy of City of Boston Building Department.

	Buildings includ- ing Docks, Vessels, Tank and Per- manent Fixtures.	Contents	Total
Total Insurance on the property on which claim for loss was made .....	\$84,779,580.31	\$32,468,736.14	\$117,248,316.45
Total Insurance Loss ....	2,377,741.87	2,691,539.55	5,069,281.42
Total Loss (insured and uninsured) .....	2,626,533.48	2,825,761.39	5,452,294.87
Rents insured.....			22,454.19
Losses on buildings and contents in which fires originated, i.e., direct losses .....	2,525,179.97	2,699,701.98	5,224,881.95
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	101,353.51	126,059.41	227,412.92



### Review of grade of losses for ten years

Years	Total Al'm.	No Loss	Under \$100	\$100 to 500	\$500 to 1000.	\$1000 to 5000.	\$5000 to 10,000	\$10,000 to 15,000	Over 15,000
1916	4656	2742	930	549	155	197	44	7	32
1917	5025	2996	981	605	159	199	31	12	42
1918	5433	3617	892	531	115	191	30	10	35
1919	5647	3687	903	574	155	208	30	17	26
1920	4688	2928	780	536	135	223	37	15	34
1921	5268	3320	820	612	167	227	53	25	44
1922	6181	4018	886	651	198	285	59	17	40
1923	7377	5069	977	693	168	319	76	33	54
1924	8117	5428	1037	804	239	405	105	40	59
1925	7678	4998	*1005	*831	*253	*390	*104	31	66

\*48 Sprinkler losses included, viz., 25 under \$100. 10 from \$100 to \$500.  
3 from \$500 to \$1,000. 8 from \$1,000 to \$5,000. 2 from \$5,000 to \$10,000.

### Review of total alarms, fires with loss, loss, average loss of total alarms, and average loss of fires with loss, for ten years

Years.	Total Alarms.	Fires with Loss	Loss.	Average Loss of Total Alarms.	Average Loss of Fires with Loss.
1916	4,656	1,914	\$2,473,801.16	\$531.31	\$1,292.47
1917	5,025	1,955	4,056,887.34	807.34	2,075.13
1918	5,433	1,774	2,827,612.34	520.45	1,593.92
1919	5,647	1,921	2,581,085.15	457.07	1,343.61
1920	4,688	1,707	3,143,528.89	670.54	1,841.55
1921	5,268	1,910	4,017,158.64	762.56	2,103.22
1922	6,184	2,109	3,331,485.17	538.73	1,568.88
1923	7,377	2,271	6,323,331.48	857.17	2,784.38
1924	8,117	2,626	4,825,216.13	594.48	1,837.48
1925	7,678	†2,632	5,474,749.06	713.04	2,080.07

The above tables include Still Alarms.

† Does not include 48 Sprinkler losses.

In conclusion, I desire to express my sincere thanks to all departments or persons who have in any way assisted this Department during the past.

Respectfully submitted,

H. E. THOMPSON,

*Superintendent of Department*

## MEDICAL EXAMINER'S REPORT

1925

HENRY E. THOMPSON,  
*Supt. Boston Protective Department.*

*Dear Sir:*—Your Medical Officer respectfully submits the following report for the year ending December 31, 1925:

Applicants examined.....	3
Promotions. Examinations for.....	34
Members. Visits to sick.....	32
Members. Visits to injured.....	33
Physicians reports. Attending.....	100
Special reports.....	0
Certificates. Return to duty.....	64
Applicants rejected due to physical disabilities.....	0

W. F. TEMPLE Jr., M. D.  
*Medical Officer, Boston Protective Department.*

# DESCRIPTIVE LIST OF MOTOR APPARATUS

Rotation	Put in Service.	Maker's name	No.	Cooling System	Cylinders.		Wheel Base.	Tire size.		Weight Loaded.	Company Assigned	Remarks.
					No.	Size.		Front.	Rear.			
3	Oct. 17, 1910	Knox Auto. Co.	3788	W	4	5 1/2	48	38 x 7	40 x 8	11,000	2	
7	Nov. 10, 1914	The White Co.	21625	W	6	4 1/2	43	38 x 7	40 x 8	10,590	1	
8	"	"	21626	W	6	4 1/2	43	38 x 7	40 x 8	10,550	1	
10	Aug. 18, 1916	"	26414	W	6	4 1/2	43	38 x 7	40 x 8	10,700	3	
12	Mar. 30, 1918	"	42874	W	6	4 1/2	43	38 x 7	40 x 8	10,400	3	
13	Sep. 19, 1919	"	51184	W	4	3 3/4	38	38 x 7	40 x 8	10,700	2	
14	Sep. 4, 1920	Ford	4951284	W	4	3 3/4	22	30 x 3 1/2	32 x 4 1/2	...	3	
15	Sep. 4, 1923	Mack Motor Co.	472114	W	4	4 1/2	28	38 x 7	40 x 8	10,700	2	
16	Mar. 24, 1924	"	472114	W	4	4 1/2	28	38 x 7	40 x 8	9,630	3	
17	May 2, 1924	The Buick Co.	1188871	W	6	3 3/8	27	33 x 5	33 x 5	...	5	
17	Aug. 5, 1924	Mack Motor Co.	4721113	W	4	4 1/2	28	38 x 7	40 x 8	11,000	1	

W — Water.

S Superintendent

## CALLS RESPONDED TO AND MILES TRAVELLED

No.	Years	1925		Totals	
		Calls	Miles	Calls	Miles
3	1910-1924 Inclusive	7,949	18,643.6	8,052	18,913.6
7	1914-1924	5,677	10,033.9	6,027	10,787.4
8	1914-1924	5,791	10,496.5	6,393	11,544.7
10	1916-1924	4,672	20,766.6	5,253	23,618.4
12	1918-1924	5,205	19,038.0	6,455	25,183.3
13	1919-1924	5,523	13,287.8	5,801	14,016.3
14	1920-1924	...	9,108.5	...	11,620.7
15	1923-1924	1,586	4,458.1	3,359	9,423.1
16	1924	76	725.0	1,337	6,899.0
17	1924	5	12.0	1,576	1,105.9
E	1924	...	5,781.0	...	15,262.6

**FERNALD HUTCHINS**  
**11 Beacon Street, Boston, Mass.**

Supt. H. E. Thompson,  
 40 Purchase Street,  
 Boston, Mass.

Dear Sir:—

The enclosed check for \$25.00 to the Boston Firemen's Relief Fund is in grateful appreciation of the splendid and helpful work done by the Protective men at my apartment at 137 Peterboro St., Thursday morning.

Sincerely yours,

Jan. 2, 1925.

FERNALD HUTCHINS

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**BOSTON QUARTERMASTERS INTERMEDIATE DEPOT**  
**Army Base, Boston, Mass.**

Chief, Hdqrs., Co. 1,  
 Boston Protective Dept.,  
 40 Purchase Street,  
 Boston, Mass.

My Dear Sir:—

I would like to express to you my appreciation of the very prompt and efficient work of the officers and men of the Boston Protective Department at the fire in the South Pier Shed, this Army Base, early this morning.

Very truly yours,

W. C. JONES,  
 Lieut. Colonel, Q. M. Corps, Com.

January 6, 1925.

**JOHN WORLEY COMPANY**  
**40 to 48 Stanhope Street, Boston**

Boston Protective Firemen's Association,  
 Appleton Street,  
 Boston, Mass.,

Gentlemen:—

We are enclosing herewith check for fifty dollars (\$50.00) as our contribution to the Protective Association. We did this for you last year and it was an oversight that it has not been mailed to you before this.

We shall appreciate always the service which you fellows gave to us when we had a fire here a little over a year ago and the protection which you afforded our stock.

With best wishes, we are,

Yours very truly,

**JOHN WORLEY COMPANY,**

January 9, 1925

By Wm. T. Small

---

**A. ROTHE**

**611 Washington St., Boston**

Protective Dept.

Greeting:—

We beg to send you the enclosed for whatever cause you wish to use it, as a show of appreciation for your covering the other night. We have had hard times lately, and hope you will receive it in the spirit of our appreciation of your kindness.

Respectfully,

February 7, 1925.

**A. ROTHE.**

## REGAL SHOE COMPANY

Mr. H. E. Thompson,  
Superintendent, Protective Dept.,  
Boston Fire Department,  
Boston, Mass.

My Dear Mr. Thompson:—

Our Company desires to tender its most grateful appreciation to you and your subordinates for the splendid and effective work done by your department during the recent fire on the corner of Washington and Milk Streets.

Very truly yours,

REGAL SHOE COMPANY,  
Elmer Jared Bliss, Pres.

February 11, 1925.

## BOSTON & MAINE R. R. TRAINMEN'S ASSOCIATION 152 Causeway St., Boston, Mass.

H. E. Thompson, Supt.,  
Boston Protective Dept.,  
40 Purchase Street,  
Boston, Mass.

Dear Sir:—

The members of the Boston & Maine R. R. Trainmen's Association wish to express their thanks and appreciation to you and through you to your men for the splendidly efficient work they performed in the Association Room at the time of the fire in the Old Fitchburg Building.

Wishing you continued success in the fine work you are doing in Boston we are,

Yours very truly,

BOSTON & MAINE R.R. TRAINMEN'S ASSO.  
L. W. King, Secretary.

February 12, 1925.

**BOSTON AND MAINE RAILROAD**  
**North Station, Boston**

Mr. Henry E. Thompson,  
 Superintendent, Boston Protective Department,  
 40 Purchase Street,  
 Boston, Mass.

Dear Sir:—

I have recently learned of the effective work by the Protective Department at the fire on January 17, which damaged the old Fitchburg Station on Causeway and Beverly Streets. The Officers of the Railroad who were present at the fire and those who were responsible for cleaning up after it speak in the highest terms of the very efficient manner in which contents of the building were protected and saved from much greater damage.

On behalf of the Boston and Maine Railroad I would like to express to the Department appreciation for the service rendered, and to ask that you thank the men directly responsible for the work which was accomplished. I am glad to have the opportunity to write this letter.

Very truly yours,

J. H. HUSTIS.

February 19, 1925.

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**OFFICERS' CLUB**  
**Boston Fire Department**

Supt. H. E. Thompson,  
 Boston Protective Dept.

Sir:—

Will you please convey to Captain Swift and the members of Company No. 3 of your department, my thanks for the manner in which the contents of my home were cared for, by them, during a fire in the building No. 4 Charles Street, Dorchester, May 19, 1925. It was a decidedly creditable performance.

Respectfully yours,

JOHN H. LEARY,  
 Captain, Ladder No. 12, B.F.D.

May 20, 1925.



**NEW ENGLAND TELEPHONE AND TELEGRAPH CO.**  
**Boston**

Mr. H. E. Thompson, Supt.,  
 Boston Protective Department,  
 40 Purchase Street,  
 Boston, Mass.

Dear Sir:—

I want to extend the thanks of this Company to you and the officers and men under you for the fine work of the Protective Department at the fire in our building, 125 Milk Street, on the evening of February 16th, 1925.

The care taken in properly placing the coverings and diverting the large quantities of water to channels where they did the least harm saved a heavy damage and showed the fine results of your study last spring at Liberty and Beach Exchanges of telephone fire hazards.

Yours very truly,

J. H. LIBBEY,

February 28, 1925.

Supervisor of Insurance.

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**GEORGE B. STONE & SON, Inc.**  
**61 Hanover St., Boston, Mass.**

Boston Protective Department,  
 40 Purchase Street,  
 Boston, Mass.

Att. Harry M. Fenton, Pres.

Gentlemen:—

Permit us to thank you, and through you, the members of the Boston Protective Department for their fine work at the fire which occurred in the building which we occupy at 47 Hanover Street, on the night of May 13, 1925.

We wish to compliment you on the manner in which our property was protected from unnecessary damage.

A similar letter, a copy of which is enclosed, is being sent to the Boston Fire Department.

Very truly yours,

**GEORGE B. STONE & SON, INC.**

May 27, 1925.

By Geo. L. Stone, Treas.

**WOMEN'S EDUCATIONAL AND INDUSTRIAL UNION**  
**264 Boylston Street, Boston, Mass.**

Boston Protective Department,  
 40 Purchase Street,  
 Boston, Massachusetts.

Gentlemen:—

The Women's Educational and Industrial Union wishes to send to you their deep appreciation and heartiest thanks for the very efficient service that your organization rendered them during the recent fire on Sunday, October 2, in the shoe store adjoining their property at 264 Boylston Street. We realize the value of your prompt and able service in protecting our property from damage and loss at that time and we shall remember those services with constant appreciation.

Again thanking you,

Very truly yours,

MARGARET MCGILL,

October 10, 1925.

President.

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**HEADQUARTERS FIRE DEPARTMENT,**  
**TOWN OF BROOKLINE**  
**340 Washington St., Brookline, Mass.**

Boston Protective Department,  
 40 Purchase Street,  
 Boston, Mass.

Attention Mr. Charles H. J. Kimball, Pres.

Dear Sir:—

I wish to extend our appreciation for the services rendered by your Company No. 3 at the two-alarm fire on October 20th at 86 Babcock Street.

This Company rendered very valuable service in covering the furnishings and fixtures of the house and the Senior Man in charge handled the situation in an efficient and commendable manner. Under his direction the members of the Company worked in such a way that the job was done with dispatch.

Again expressing my appreciation for their very efficient services, I beg to remain,

Very truly yours,

WILLARD W. ESTABROOK,

October 22, 1925.

Fire Commissioner.

**THE COMMONWEALTH OF MASSACHUSETTS**  
**Office of the Superintendent of Buildings**  
**State House, Boston**

Superintendent Boston Protective Department,  
 40 Purchase St.,  
 Boston, Mass.

Dear Sir:—

Please permit me to express my appreciation of the manner in which your men conducted themselves at the time of the fire at the State House on the evening of October 24th, and the excellent work done by them.

Very truly yours,

FRED H. KIMBALL,  
 Superintendent of Buildings.

November 6, 1925.

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**CHAMBERLAIN & COMPANY, INC**  
**24 South Market Street, Boston, Mass.**

Boston Protective Department,  
 40 Purchase Street,  
 Boston, Mass.

Gentlemen:—

We want to express our appreciation of the splendid manner in which you protected our furniture and other property that were in our office on the second floor of the building 21-23 South Market Street, Boston, where the fire occurred last night. Had you not used the prompt and efficient methods that you did, we would, in all probability, have incurred a much larger loss than we have.

We are handing you, enclosed herewith, a check which we should like to have you forward to the Boston Fire Department Relief Association.

Yours truly,

CHAMBERLAIN & COMPANY, INC.

December 24, 1925.

By George N. Chamberlain, Pres.



Put in service.....		Nov. 10, 1914.	Nov. 10, 1914	Oct. 17, 1910	Aug. 8, 1916	Mar. 30, 1918	Sept. 19, 1919	Sept. 4, 1920	Sept. 4, 1923	Mar. 24, 1924	May 2, 1924	Aug. 5, 1924
Makers .....		The White Co.	The White Co.	Knox Motor Co	The White Co.	The White Co.	The White Co.	Ford	Mack Motor Co.	Mack Motor Co.	The Buick Co.	Mack Motor Co.
Company Nos.....		1.	1a.	2.	Unassigned	Unassigned	2a.	Service	2	3.		1.
Makers No.....		21625	21626	3788	26414	42874	51184	4051284	471420	472114	1188871	472115
Expense.....		1925	1925	1925	1925	1925	1925	1925	1925	1925	1925	1925
<b>Body—</b>	Repairs .....	\$ ....	\$ ....	\$ ....	\$ ....	\$ 7.50	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....	\$ ....
	Painting .....	....	....	....	1.00	....	....	....	....	....	....	....
	Bell .....	102.50	14.00	52.00	6.38	6.37	....	....	56.50	47.00	....	46.70
<b>Chassis—</b>	Repairs .....	44.74	31.19	....	3.36	207.92	93.54	4.17	1.96	54.35	34.92	4.87
	Shock Absorber .....	....	4.50	2.00	....	1.00	.56	....	....	....	....	....
<b>Electric—</b>	Lighting .....	3.00	12.72	47.93	11.83	49.46	5.26	17.92	6.81	23.64	2.68	3.25
	Starting .....	....	14.72	....	....	51.50	....	....	34.02	15.49	.82	....
	Batteries .....	....	56.00	....	52.95	.25	36.38	.25	....	.25	....	....
<b>Engine—</b>	Repairs .....	26.26	122.35	5.07	18.07	167.35	177.21	6.78	53.03	24.11	77.96	....
<b>Cases—</b>	New.....	....	107.60	....	....	378.65	....	51.60	235.00	125.00	37.70	....
	Repairs .....	....	....	....	....	....	....	4.00	....	....	3.50	18.00
<b>Tubes—</b>	New.....	....	12.00	....	....	13.20	....	12.90	36.25	22.59	5.60	....
	Repairs .....	....	.50	....	....	2.00	....	1.25	....	5.00	.75	1.00
<b>Rims—</b>	New.....	....	....	....	....	....	....	....	....	....	....	....
	Repairs .....	....	....	....	....	....	....	....	....	....	....	....
<b>Chains, etc.</b>	Chains.....	....	....	....	20.00	30.00	25.00	12.00	25.00	30.00	13.50	....
	Hooks .....	....	....	....	.25	.25	1.25	....	2.25	1.00	1.00	....
<b>Accessories</b>	.....	4.00	8.00	10.00	42.80	12.25	14.90	23.67	6.80	3.74	10.50	....
<b>Totals .....</b>		<b>\$180.50</b>	<b>\$386.58</b>	<b>\$117.00</b>	<b>\$156.64</b>	<b>\$930.70</b>	<b>\$354.10</b>	<b>\$131.54</b>	<b>\$457.62</b>	<b>\$352.17</b>	<b>\$188.93</b>	<b>\$73.82</b>

#### SUPPLIES AND TOOLS

	Co. No. 1	Co. No. 2	Co. No. 3	Total
Gasoline .....	\$294.00	\$313.50	\$953.50	\$1561.00
Oils .....	63.50	32.13	218.90	314.53
Grease .....	3.00	14.16	15.00	32.16
Soap .....	20.68	25.38	41.36	87.43
Polish .....	19.50	12.75	10.00	42.25
Tools new and repd. ....	.50	5.30	....	5.80
<b>Totals .....</b>	<b>\$401.18</b>	<b>\$403.22</b>	<b>\$1238.76</b>	<b>\$2043.16</b>



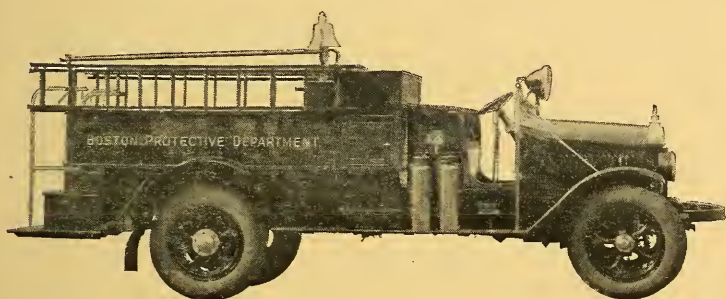






45.53.19

**Boston Protective Department**



**FIFTY-THIRD**

**ANNUAL REPORT**

**FOR THE CALENDAR YEAR**

**1926**

RECEIVED



FIFTY-THIRD  
ANNUAL REPORT

OF THE

**Boston Protective Department**

FROM

January 1, 1926 to January 1, 1927

✓

## OFFICERS

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*President:*

R. J. DUNKLE

*Vice-President:*

T. H. RATIGAN

*Directors:*

TO SERVE UNTIL MARCH, 1927

A. W. HOLLIS

T. H. RATIGAN

A. K. POPE

TO SERVE UNTIL MARCH 1928

R. J. DUNKLE

WILLIAM GILMOUR

EDWARD C. STONE

TO SERVE UNTIL MARCH, 1929

BURTON S. FLAGG

C. H. WILSON

G. B. PROCTOR

*Secretary-Treasurer:*

CHARLES W. GOODING

*Superintendent:*

H. E. THOMPSON

*Medical Officer:*

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1927.

TO THE MEMBERS OF THE  
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 53rd Annual Report of the Department with the reports of the Superintendent, Treasurer, Medical Officer and statistical tables.

The Board recommends, first, that the active duties of the Department be continued for another year; second, that the Directors be authorized to expend for the maintenance of the Department during the year a sum not exceeding two hundred and fifteen thousand seven hundred and ninety-six dollars.

For the Directors,

R. J. DUNKLE,  
President

## TREASURER'S REPORT

CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR  
ENDING DECEMBER 31, 1926

## RECEIPTS:

Assessments .....	\$181,884.30	
Interest .....	557.63	
Special Service .....	3,637.70	
Transferred from Reserve .....	27,000.00	
		<hr/> \$213,079.63

## EXPENDITURES:

Pay Roll and Salaries .....	\$179,498.35	
Repairs of Houses .....	789.81	
Telephone and Fire Alarm .....	1,434.81	
Water, Light and Fuel .....	2,725.64	
Printing, Stamps and Office Supplies ...	931.37	
Auto Supplies and Repairs .....	6,862.89	
Miscellaneous Department Supplies ...	2,178.78	
New Equipment and Furnishings .....	2,724.75	
Repairs of Equipment .....	261.56	
Rent and Taxes .....	7,685.40	
Compensation and other Insurance ....	5,078.54	
Sundries .....	456.37	
		<hr/>
Total Expenditures .....	\$210,628.27	
Balance, December 31, 1925 .....	2,451.36	
		<hr/> \$213,079.63

CHARLES W. GOODING. *Treasurer.*

Boston, January 14, 1927.

Audited and found correct

WM. H. LORING,	} <i>Auditing Committee.</i>
HENRY W. PORTER,	
J. E. DOWNEY	

## STATEMENT OF ASSESSMENTS MADE IN 1926

July 1, 1925, to December 31, 1925:

Premiums on Fire & Sprinkler		
Damage .....	\$4,280,465.84 at 2%	\$85,609.30

January 1, 1926, to July 1, 1926:

Premiums on Fire & Sprinkler		
Damage .....	\$4,903,008.01 at 2%	\$98,060.09

---

\$183,669.39

Assessments not Paid

1,785.09

---

\$181,884.30

July 1, 1926, to December 31, 1926:

Premiums on Fire & Sprinkler		
Damage .....	\$4,042,276.75 at 2%	\$80,845.67



## SUPERINTENDENT'S REPORT.

HEADQUARTERS BOSTON PROTECTIVE DEPARTMENT. }  
OFFICE OF SUPT., NO. 40 PURCHASE ST. }

BOSTON, January 1st, 1927.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Fifty-third Annual Report of operations of the Department for the year ending December 31st, 1926.

### CALLS AND SERVICE

The department responded to 3,694 City boxes, 2,707 Verbal, 171 Boston Automatic Fire Alarms, 118 American District Telegraph, which includes 68 Sprinkler Breaks, 171 Sprinkler Troubles, Total 6690; also 54 Water Damages, Total calls 6744.

The service rendered was 71 fire extinguishers used, 11,336 covers spread on merchandise at fires and other calls, 563 covers on roofs, 284 covers protecting merchandise after fires from storms. Total covers used 12,183.

The hours service were 4,869.30 at fires, 293.27 protecting merchandise &c after fires, and 3,755.43 privates detailed after fires. Total 8,918.40.

OF THE 7,787 ALARMS, 5,078 ALARMS OR 65.21 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$5,268,941.87 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings .....	\$ 2,378,052.17	\$ 85,142.62	\$2,463,194.79
Contents .....	2,613,899.99	122,870.27	2,736,770.26
Rents .....	37,489.82		37,489.82
Vessels .....	18,907.00	12,580.00	31,487.00
Cargoes .....			
Totals .....	\$5,048,348.98	\$220,592.89	\$5,268,941.87

### WATER DAMAGE OTHER THAN FIRES.

	Losses		Total
	Insured	Not Insured	
Building.....		\$2,345.00	\$2,345.00
Contents.....		9,838.85	9,838.85
		\$12,183.85	\$12,183.85

Total calls, 54 (39 with losses). On duty 52h. 42m. Covers spread 225.

ORGANIZATION OF DEPARTMENT.  
Superintendent, HENRY E. THOMPSON.

Co. No. 1. 40 Purchase St.	Total	Co. No. 2. 4 Appleton St.	Total	Co. No. 3. 159-161 Roxbury St.	Total	Grand Total
Captain E. Abbott.....	1	S. A. McDonnell....	1	A. F. Swift.....	1	3
Lieuts. { J. J. Carty.....		{ G. E. Blakeley ....		{ M. J. Gleason.....		6
{ J. F. Sullivan.....	2	{ J. S. Weir.....	2	{ B. J. McTernan....	2	38
First Grade Privates.....	13		10		15	24
Second " ".....	11		10		3	1
Third " ".....	1					
Fourth " ".....						
Fifth " ".....			1			1
Totals	28		24		21	73

PENSIONERS

CAPTAINS  
FIRST GRADE PRIVATES

2  
1  
76

OPERATIONS OF THE DEPARTMENT.

		Co.No.1	Co.No.2	Co.No.3
Responses to Alarms.	{ City Boxes.....	1007	1313	2074
	{ Still .....	677	813	1460
	{ Automatic .....	146	55	9
	{ A. D. T.....	85	60	20
	Totals .....	1915	2241	3563
Responded to by	{ Automobiles .....	1454	2255	3378
	{ Privates in outlying districts....	633		274
Hours Duty	{ At fires and responding to calls	1414.40	1444.22	2010.28
	{ Assisting Fire Department.....			
	{ After fires protecting mdse.....	139.04	124.29	29.54
	{ Details after fires .....	1767.27	1117.39	870.37
	Totals .....	3321.11	2686.90	2910.59
Covers Used	{ At fires and sprinkler calls.....	5485	3994	1857
	{ On roofs after fires.....	282	108	173
	{ Protecting mdse. after fires.....	241	1	42
	Totals .....	6008	4103	2072
Extinguishers used .....		19	24	28
<i>The Second Section was called in service as follows:</i>				
		Co. No. 1	Co. No. 2	Co. No. 3
On First Alarms	{ When first out section was at fire	145	334	555
	{ When both sec. were at previous fire	27	56	19
	{ While cov. adj. company district	12	67	43
On Second Alarms.....		22	22	13
On Telephone calls.....		45	25	10
On Messenger calls.....		2	0	0
To Cover Adjoining company district....		86	326	94
	Totals .....	339	830	734
		Co.No.1	Co.No.2	Co.No.3
No. fires at which roofs were protected .....		105	59	97

7  
**SPRINKLER RECORD.**  
**FIRES.**

Sprinklers Operating				Heads	Sprinkler Heads Replaced				Heads	Where Sprinkler Heads Operated		Floors	Condition of System when left		No.
117	Fires of	1 head each	117	112	Fires of	1 head each	112	Sub-Basement	2	O. K.		187 6 23			
37†	"	2 heads	74	37	"	2 heads	74	Basement	80	Partially Operative					
21*	"	3 "	63	20	"	3 "	60	First-floor	39	Shut Off					
8	"	4 "	32	8	"	4 "	32	Second "	21						
6	"	5 "	30	4	"	5 "	20	Third "	18						
7	"	6 "	42	6	"	6 "	36	Fourth "	25						
5	"	7 "	35	4	"	7 "	28	Fifth "	20						
1	"	8 "	8	1	"	8 "	8	Sixth "	7						
5	"	9 "	45	4	"	9 "	36	Eighth "	1						
2	"	10 "	20	1	"	10 "	10	Ninth "	1						
4	"	11 "	44	4	"	11 "	44	Roof (Pent House)	2						
10	"	16 "	16												
1x	"	22 "	22												
1a	"	202 "	202												
216	Totals			750	Totals			460	Totals		216	Totals		216	

\* 2 Fires operated 1st and 2nd floors.  
† 1 " " 1st and 4th  
Q 1 " " Basement and 1st floor  
o 1 " " 1st, 2nd and 3rd floors  
x 1 " " 1st and 2nd floors  
- 1 " " 4th and 5th

**RUPTURED HEADS AND PIPES.**

Sprinklers Ruptured		Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off
32	Breaks of 1 head ea.	32	Water freezing in heads	11	Condition	10		1
1	" " 2 heads ea.	2	" " "couplings	3	"	2		1
3	" " Couplings		" " "elbows	8	"	3	1	4
10	" " Elbows		" " "pipes	8	"	4		4
20	" " Pipes		Striking heads	7	"	4		3
2	" " Valves		Defective heads	14	"	14		
			Tampering with heads	1	"	1		
			Defective elbows	2	"		1	1
			Striking pipes	9	"	2	2	5
			Defective valves	1	"		1	1
			Hanging chain on pipe	1			1	
			Unknown	2				2
				.				
68	Totals	34	Totals	68	Totals	40	6	22

**DUTY PERFORMED**

Hours service 68h. 20m. Detailed duty 26h. 5m. Extraservice 1h, 46m. Covers spread 352

**TROUBLES.**

Alarm pots, defective.....	3
Closing and opening valves (1 city 1 drip).....	2
Fuse blowing out (Transmitter).....	1
Leaky couplings.....	1
" valves (1 city, 1 section, 2 drips).....	4
Pumping up pressure.....	3
Striking Transmitter.....	2
Short circuit in alarm wires.....	1
Testing alarm bell.....	1
Transmitter, defective.....	2
Unknown.....	44
Water hammer.....	38
" in dry pipe system.....	57
Working on system.....	12
Totals.....	171

**DUTY PERFORMED**

Hours service 92h. 33m.

Detailed duty 79h. 5m.

# DISTRICTS WHERE FIRES OCCURRED OR ALARMS WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	2483
Roxbury District.....	1328
Charlestown.....	354
East Boston.....	506
South Boston.....	510
Dorchester.....	1176
West Roxbury.....	643
Brighton.....	506
Hyde Park.....	264
Boston Harbor.....	1
Brookline.....	4
Cambridge.....	2
Dedham.....	5
Somerville.....	2
Milton.....	1
Quincy.....	1
Winthrop.....	1
<b>Total.....</b>	<b>7,787</b>

## WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day	
1926					
January .....	699	Monday .....	1244	Day Service	6 to 7 A.M. ... 114
February .....	549	Tuesday .....	1077		7 to 8 " ... 139
March .....	607	Wednesday .....	1055		8 to 9 " ... 207
April .....	1024	Thursday .....	1164		9 to 10 " ... 309
May .....	677	Friday .....	1114		10 to 11 " ... 315
June .....	717	Saturday .....	1206		11 to 12 Noon ... 364
July .....	794	Sunday .....	927		12 to 1 P. M. ... 354
August .....	453			Night Service	1 to 2 " ... 422
September .....	458				2 to 3 " ... 451
October .....	522				3 to 4 " ... 425
November .....	591				4 to 5 " ... 459
December .....	696				5 to 6 " ... 543
Totals.....	*7787		*7787		6 to 7 " ... 511
					7 to 8 " ... 514
					8 to 9 " ... 500
					9 to 10 " ... 576
					10 to 11 " ... 445
					11 to 12 Midnight ... 320
					12 to 1 A. M. ... 229
					1 to 2 " ... 159
					2 to 3 " ... 133
					3 to 4 " ... 117
					4 to 5 " ... 98
					5 to 6 " ... 83

\*2 Fires extinguished by occupants are included in these totals.

# STATEMENT BY MONTHS

Of Alarms for Fires Responded to by One or More Companies of this Department, Together with Other Statistics

Months.	Alarms attended by this Dept.				Extinguished by occupant. No alarm given.	Water Damage Calls.	Still Alarms attended by Fire Department only.	Total Alarms.	Sprinklers operated on fires.	Sprinkler breaks or defects	Alarms for fires on vessels	Covers Spread			Extinguishers used.	Duty at fire and responding to calls			Duty after fires.		Detail after fires.
	City Boxes.	Still.	Automatic.	A. D. T.								On roofs after fires.	Protecting mds. after fires.	Hrs. m		Hrs. m	Hrs. m				
Jan. 1926	326	271	27	17	0	56	700	23	43	3	1693	53	15	10	535 25	31 47	432 48				
Feb. "	240	255	15	17	0	22	554	18	30	1	885	54	13	7	489 39	27 16	366 04				
Mar. "	275	257	11	9	0	54	608	18	12	2	1138	47	4	7	420 20	33 42	321 59				
April "	440	277	13	5	0	288	1027	18	12	2	800	62	5	6	513 35	18 06	313 36				
May "	311	223	10	8	0	124	683	18	14	1	804	66	0	1	400 40	37 05	346 55				
June "	334	241	11	6	0	124	719	16	10	1	871	52	0	1	388 21	20 45	305 11				
July "	425	197	19	12	1	136	795	16	18	1	819	41	1	16	438 24	25 22	328 21				
Aug. "	237	145	6	10	0	52	453	11	15	1	840	18	0	4	257 41	16 09	197 51				
Sept. "	233	156	6	5	0	58	461	9	8	1	515	39	0	4	246 31	14 26	197 02				
Oct. "	250	191	12	10	1	57	523	16	21	2	503	32	0	3	274 52	8 47	129 30				
Nov. "	295	205	15	5	0	71	596	14	12	2	1216	46	243	8	379 27	35 50	451 22				
Dec. "	328	289	26	14	0	37	706	39	44	3	1162	53	3	4	524 35	24 12	365 01				
Totals	3694	2707	171	118	2	54	7825	216	239	27	11336	563	284	71	4 869 30	293 27	3 755 43				

\* 16 Alarms for assistance from other cities and towns not included



10  
GRADE OF LOSSES FOR 1926.

5078	Alarms with no loss				
1016	Fires with loss under	\$100			\$41,471.27
761	" " " " " " " "	from	\$100 to	\$500	175,739.85
270	" " " " " " " "	"	\$500 to	\$1,000	187,939.37
410	" " " " " " " "	"	\$1,000 to	\$5,000	954,675.92
88	" " " " " " " "	"	\$5,000 to	\$10,000	618,945.39
38	" " " " " " " "	"	\$10,000 to	\$15,000	470,657.01
1	Over \$15,000				
1	Jan. 6, 1926,	332-40 Summer St., Kistler Lesh & Co., Inc., et al			267,102.79
1	" 11, "	39-41 West St., I. Schneider, et al			16,622.03
1	" 13, "	20-30 Maverick Sq., Maverick Realty Co.			54,102.00
1	" 16, "	380-2 Boylston St., C. Fisher Inc., et al			15,876.77
1	" 23, "	18-24 Simmons St., A. J., Tower Co.			25,000.00
1	" 24, "	27-35 Exchange St., Boston Curb Exchange, et al			22,009.37
1	" 31, "	1063-3A Blue Hill Ave., Mrs. L. Cohen, et al			16,677.90
1	Feb. 4, "	1 W. Third St., Gerstein Bros. & Cooper			24,306.42
1	" 6, "	16-22 Hayward Pl., J. Simon, et al			23,329.64
1	" 9, "	97 South St., St. Thomas Parish House			21,539.50
1	" 13, "	24 North St., W. T. Crowther & Son, et al			18,059.87
1	" 16, "	52-4 Devonshire St. & 22 Congress Sq., Clark's Inc., et al			25,616.12
1	" 19, "	280-4 Commercial St., Commercial Reed & Rattan Co., et al			20,851.93
1	" 19, "	50-62 Hanover St., M. C. Rosenfeld Co., et al			45,142.32
1	" 21, "	646-50A Huntington Ave., Huntington Ave. Home Pharmacy, et al			34,980.17
1	" 21, "	59-65 Temple Pl., R. Saronoff, et al			25,791.31
1	" 22, "	177-9 Washington St., Babcock's Lunch & Bakery, et al			24,896.75
1	" 27, "	1255-63 River St., E. Snyder, et al			18,261.76
1	Mar. 3, "	29-33 Sleeper St., Twitchell Champlin Co., et al			25,043.50
1	" 5, "	695 Atlantic Ave., Essex Hotel Co., et al			21,430.85
1	" 12, "	37-9 Pearl St., Mass. Envelope Co., et al			29,809.34
1	" 13, "	63 Long Whf., M. L. Hall Co., et al			143,501.10
1	" 13, "	119-35 Hanover & 64-8 Union Sts., Monarch Clothing Co., et al			72,549.91
1	" 15, "	1797-1807 Washington & 138 Northampton Sts., L. H. Gans., et al			15,671.89
1	" 25, "	50-54 Sudbury St., T. J. Holmes, et al			18,113.50
1	Apr. 8, "	89-97 Federal St., Henderson Bros., et al			27,138.74
1	May 2, "	569-71 Columbus Ave., Mrs. A. Mueller, et al			18,860.00
1	" 3, "	104-14 Lincoln St., Burtman Rondeau Co., et al			143,139.03
1	" 8, "	24 Jersey St., Boston American League Baseball Co., et al			26,705.00
1	June 18, "	24 Ralston Rd., Massachusetts Potteries Co., et al			25,451.64
1	" 21, "	121-5 Kingston St., Berger Dry Goods Co.			21,575.62
1	" 25, "	659-65 Washington St., Max Goldman, et al			16,072.59
1	" 28, "	23-5 Commercial St., North American Creamery Co., et al			35,825.16
1	" 28, "	73-85 Bedford St., Manhattan Collar Co., et al			32,574.05
1	" 29, "	Mystic Wharf, Boston & Maine R. R.			25,000.00
1	" 30, "	9 Lotus Pl., Kinney Mfg. Co.			15,767.53
1	" 30, "	20-6 Kingston St., Lion Neckwear Co., et al			41,863.00
1	July 6, "	638-48 Warren St., King Solomon K. P. Lodge, et al			17,994.35
1	" 8, "	626-36 Washington St., Hub Cloak & Suit Co., et al			21,717.62
1	" 16, "	242 Beacon St., G. C. Lee, et al			66,847.68
1	" 19, "	1653-63 Blue Hill Ave., J. F. Glynn, et al			15,499.00
1	" 21, "	263-7 Atlantic Ave., D. J. Koury Co., et al			46,481.49
1	" 23, "	80 Border St., Atlantic Works, et al			342,757.55
1	Aug. 18, "	28-30 Canal & 27-9 Merrimac Sts., Wm. Leavens & Co., et al			196,595.03
1	" 19, "	133 Halleck St., J. A. De Vito Co.			66,068.00
1	" 20, "	69 Broad St., National Remedy Co., et al			19,469.72
1	" 23, "	17-19 Ferry St., Miller Bros., et al			16,617.00
1	Sept. 6, "	196 Marlborough St., Mrs. M. Handy, et al			59,419.63
1	" 6, "	360 Columbus Ave., J. Rosenfield, et al			15,255.96
1	" 17, "	11-17 Kingston St., Friedman Fashion Hat Co., et al			17,602.58
1	" 28, "	52-54 Commercial St., Kay Furniture Co., et al			25,096.40
1	Nov. 6, "	94-8 Washington & 28-34 Friend Sts., Hoover Furniture Co., et al			60,057.28
1	" 15, "	280-90 Commercial St., Carlisle Ayer Co.			34,598.91
1	" 27, "	149 Hemenway St., E. L. Brodie, et al			17,124.00
1	" 27, "	440-446 Tremont St., New England Film Laboratories, et al			21,662.64
1	Dec. 7, "	178-88 Harvard Ave., Sunshine Art Stores, et al			40,672.42
1	" 8, "	250 Commercial St., Lord & Webster, et al			19,258.77
1	" 12, "	180-8 Congress St., Arnold Roberts Co., et al			35,506.59
1	" 16, "	17-19 Dixwell St., S. Ginsberg, et al			18,754.00
1	" 19, "	770 Washington St., Taylor Furniture Co.			20,270.24
1	" 21, "	467-9 Washington St., Hudson Cloak & Suit Co., et al			58,214.00
1	" 25, "	59-61 Cambridge St., Liberty Tobacco Co., et al			15,202.54
1	" 31, "	65-7 Merrimac & 115-17 Portland Sts., Haymarket Electric Supply Co., et al			25,533.74
7727					5,199,965.05
17	Marine Losses				31,487.00
7744					5,231,452.05
	Rent Losses				37,489.82
43	Sprinkler Losses (no fire)			28,457.78	5,268,941.87
7787					

CAUSES OF ALARMS AND OF ALARMS WITH LOSS  
DURING 1926.

	Alarms	Alarms with Loss
a1 Assistance beyond City Limits.....	16	
Arson .....		
Ashes.....		
Benzine.....		
Boilers.....		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective Cigars, Cigarettes and Pipes.....	141	71
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity .....	451	218
4 Explosions .....	159	80
5 Exposure .....	158	152
5a False and Needless Alarms.....	560	
6 Fireworks, Fire Crackers, Balloons, etc.....	74	45
Flues .....		
7 Friction—Sparks—Occasioned by running machinery, in- cluding Pickers, Carding Machines, Gins, etc.....	41	24
Furnaces .....		
Gas .....		
8 Gas—Natural and Artificial .....	47	22
Gasolene .....		
9 Hot Ashes and Coals.....	88	48
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	94	21
11 Hot or Molten Metal.....	8	5
Hot Water Pipes.....		
12 Incendiarism .....	13	12
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodded.....		
14 Lightning—buildings not rodded.....	1	1
Locomotives.....		
15 Matches .....	891	580
16 Miscellaneous—Cause known but not Classified.....	417	40
17 Open Fires .....	136	3
18 Open Lights.....	127	80
19 Petroleum and its products.....	133	50
Pickers .....		
Railroad .....		
19a Rekindling of a previous fire.....	12	1
20 Rubbish and Litter.....	1582	14
21 Smoking .....	633	412
22 Sparks—Arising from combustion.....	149	83
23 Sparks on Roof.....	81	70
24 Spontaneous Combustion.....	93	61
24a Sprinklers .....	239	43
Stacks .....		
25 Steam and Hot Water Pipes.....	14	7
26 Stoves, Furnaces, Boilers and their pipes.....	969	175
Stove Pipes .....		
27 Unknown .....	460	391
28 Unknown origin but investigation important.....		
Totals.....	7787	2709

This table includes 1079 fire department still alarms of which we were not notified, 2 fires for which no alarms were given but which were extinguished by occupants.



# STATEMENT BY MONTHS OF INSURANCE AND LOSSES.

Months	Buildings			Contents			Rents		Vessels		Sprinkler Losses (no fire)	
	Insurance	Loss Insured.	Loss not Ins.	Insurance.	Loss Insured.	Loss not Ins.	Insurance.	Loss	Insurance.	Loss	Insurance	Loss
Jan. 1926	\$5,896,958.00	\$266,510.65	\$5,582.40	\$5,399,202.20	\$440,994.38	\$10,153.55	\$112,700.00	\$10,207.93	\$20,000.00	\$11,860.00	\$6,000.00	\$6,696.82
Feb. "	5,146,863.00	291,225.52	7,172.07	1,232,749.00	200,287.42	13,433.25	7,850.00	1,103.28	50.00	600.00	5,000.00	590.13
Mar. "	9,183,082.03	219,006.20	6,913.39	2,588,721.00	320,174.45	6,270.17	37,000.00	3,203.76	600.00	873.00	5,000.00	202.18
April "	10,366,530.60	141,767.84	2,100.00	1,805,652.00	120,053.27	7,718.15	18,000.00	11,479.94	500.00	203.00	1,000.00	70.00
May "	5,353,862.50	186,248.56	3,460.00	1,404,928.00	192,130.77	9,574.41	32,200.00	780.44			1,000.00	114.00
June "	4,324,044.66	135,829.33	5,209.53	1,656,881.00	233,795.52	9,060.57	4,000.00	777.57			6,000.00	1,579.00
July "	5,221,871.00	299,154.08	9,909.69	2,556,111.59	417,964.94	8,418.50	23,750.00	5,236.90	21,000.00	6,015.00		1.50
Aug. "	2,612,592.00	174,768.71	32,506.79	803,646.00	204,541.31	17,584.19				200.00		60.00
Sept. "	6,207,077.00	97,882.82	3,464.20	855,114.00	73,884.52	3,360.00			7,500.00	2,000.00	13,000.00	1,952.30
Oct. "	7,413,561.00	79,951.92	4,464.20	1,196,000.00	50,085.25	5,948.72	53,800.00	5,400.00	30,000.00	2,050.00	8,000.00	3,214.64
Nov. "	6,520,572.00	199,002.71	2,251.40	1,380,159.00	142,138.05	11,636.00			20,000.00	7,632.00	167,000.00	13,566.91
Dec. "	7,504,555.00	286,703.83	3,300.00	3,325,488.00	217,850.11	19,712.76						
Totals	\$75,751,568.79	\$2,378,052.17	\$85,142.62	\$24,204,651.79	\$2,613,899.99	\$122,870.27	\$289,300.00	\$37,489.82	\$99,000.00	*\$31,487.00	\$215,000.00	\$28,457.78

\*Loss on Vessels not insured \$12,580.00.

\*Insured loss on Vessels \$18,907.00.

13  
STATISTICS FOR YEAR ENDING  
DECEMBER 31, 1926

Population .....	793,000	
Area Square Miles.....	47.81	
Number of Brick, Stone, Concrete, Steel frame, B, etc..	39,333	*124,633
"    "    Wooden Buildings.....	85,300	
"    "    Alarms, exclusive of False and Needless.....	6,972	7,787
"    "    False and Needless Alarms.....	560	
"    "    Calls to assist other Cities and Towns.....	16	
"    "    Sprinkler System breaks and defects.....	239	
"    "    Fires in Brick and Stone Buildings.....	2,551	6,972
"    "    Fires in Wooden Buildings.....	1,850	
"    "    Fires in Concrete Blocks.....	68	
"    "    Fires in Fireproof.....	1	
"    "    Fires in Ironclad.....	18	6,972
"    "    Fires in Reinforced Concrete.....	0	
"    "    Fires not originating in Buildings.....	2,484	
"    "    Fires confined to floor where fire ....		
originated.....	3,961	4,488
"    "    "    confined to Building but not		
to floor of origin.....	368	
"    "    "    extending to adjoining Build-		
ing.....	111	6,972
"    "    "    extending beyond adjoining		
Building .....	48	
"    "    "    originating in Automobiles..	520	
"    "    "    not originating in Buildings	1,885	2,484
"    "    "    not originating in, but invol-		
ving Buildings .....	79	

\* January 1, 1927. By courtesy of City of Boston Building Department.

	Buildings includ- ing Docks, Vessels, Tank and Per- manent Fixtures.	Contents	Total
Total Insurance on the property on which claim for loss was made .....	\$75,850,568.79	\$24,204,651.79	\$100,055,220.58
Total Insurance Loss....	2,396,959.17	2,613,899.99	5,010,859.16
Total Loss (insured and uninsured).....	2,494,681.79	2,736,770.26	5,231,452.05
Rents insured.....			37,489.82
Losses on buildings and contents in which fires originated, i.e., direct losses .....	2,413,916.99	2,708,188.57	5,122,085.56
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	80,764.80	28,581.69	109,366.49

### Review of grade of losses for ten years

Years	Total Al'm.	No Loss	Under \$100	\$100 to 500	\$500 to 1000.	\$1000 to 5000.	\$5000 to 10,000	\$10,000 to 15,000	Over 15,000
1917	5025	2996	981	605	159	199	31	12	42
1918	5433	3617	892	531	115	191	30	10	35
1919	5647	3687	903	574	155	208	30	17	26
1920	4688	2928	780	536	135	223	37	15	34
1921	5268	3320	820	612	167	227	53	25	44
1922	6181	4048	886	651	198	285	59	17	40
1923	7377	5069	977	693	168	319	76	33	54
1924	8117	5428	1037	804	239	405	105	40	59
1925	7678	4998	1005	831	253	390	104	31	66
1926	7787	5078	*1045	*773	*277	*422	*90	39	63

\*13 Sprinkler losses included, viz., 27 under \$100. 4 from \$100 to \$500.  
5 from \$500 to \$1,000. 6 from \$1,000 to \$5,000. 1 from \$10,000 to \$15,000.

### Review of total alarms, fires with loss, loss, average loss of total alarms, and average loss of fires with loss, for ten years

Years.	Total Alarms.	Fires with Loss	Loss.	Average Loss of Total Alarms.	Average Loss of Fires with Loss.
1917	5,025	1,955	\$4,056,887.34	\$807.34	\$2,075.13
1918	5,433	1,774	2,827,612.34	520.45	1,593.92
1919	5,647	1,921	2,581,085.15	457.07	1,343.61
1920	4,688	1,707	3,143,528.89	670.54	1,811.55
1921	5,268	1,910	4,017,158.64	762.56	2,103.22
1922	6,184	2,109	3,331,485.17	538.73	1,568.88
1923	7,377	2,271	6,323,331.48	857.17	2,784.38
1924	8,117	2,626	4,825,216.13	594.48	1,837.48
1925	7,678	2,632	5,474,749.06	713.04	2,080.07
1926	7,787	†2,709	5,268,941.87	676.63	1,944.98

The above tables include Still Alarms.

† Does not include 43 Sprinkler losses.

In conclusion, I desire to express my sincere thanks to all departments or persons who have in any way assisted this Department during the past.

Respectfully submitted,

H. E. THOMPSON,

*Superintendent of Department.*

## MEDICAL EXAMINER'S REPORT

1926

HENRY E. THOMPSON,

*Supt. Boston Protective Department.*

*Dear Sir:*—Your Medical Officer respectfully submits the following report for the year ending December 31, 1926:

Promotions. Examinations for.....	30
Members. Visits to sick.....	36
Members. Visits to injured.....	24
Physicians reports. Attending.....	92
Special reports.....	2
Certificates. Return to duty.....	58

W. F. TEMPLE Jr., M. D.

*Medical Officer, Boston Protective Department.*

# DESCRIPTIVE LIST OF MOTOR APPARATUS

Relation	Put in Service.	Maker's name	No.	Cooling System	Cylinders.		Wheel Base.	Tire size.		Weight Loaded.	Company Assigned	Remarks.
					No.	Size.	H.P.	Front.	Rear.			
3	Oct. 17, 1910	Knox Auto. Co.	3788	W	4	5 1/2	48	38 x 7	40 x 8	11,000	2	
7	Nov. 10, 1914	The White Co.	21625	W	6	4 1/2	43	38 x 7	40 x 8	10,590	1	
8	" "	"	21626	W	6	4 1/4	43	38 x 7	40 x 8	10,530	1	
10	Aug. 18, 1916	"	26414	W	6	4 1/4	43	38 x 7	40 x 8	10,700	3	
12	Mar. 30, 1918	"	42874	W	6	4 1/4	43	38 x 7	40 x 8	10,400	3	
13	Sep. 19, 1919	"	51184	W	4	4 1/4	22	38 x 7	40 x 8	10,700	3	Condemned
14	Sep. 4, 1920	Ford	4051284	W	4	3 3/4	22	30 x 3 1/2	32 x 4 1/2	.....	2	
15	Sep. 4, 1923	Mack Motor Co.	471420	W	4	4 1/4	28	38 x 7	40 x 8	10,700	2	
16	Mar. 24, 1924	"	472114	W	4	4 1/4	28	38 x 7	40 x 8	9,630	3	
E	May 2, 1924	The Buick Co.	118871	W	6	3 3/8	27	38 x 5	33 x 5	.....	S	
17	Aug. 5, 1924	Mack Motor Co.	472115	W	4	4 1/4	28	38 x 7	40 x 8	11,000	1	

W — Water.

S Superintendent

## CALLS RESPONDED TO AND MILES TRAVELLED

No.	Years	1926		Totals	
		Calls	Miles	Calls	Miles
3	1910-1925 Inclusive	8,052	18,913.6	8,089	19,041.1
7	1914-1925	6,027	10,787.4	6,440	8,440
8	1914-1925	6,393	11,787.7	6,827	11,599.2
10	1916-1925	5,253	23,618.3	6,393	26,914.0
12	1918-1925	6,355	23,183.3	6,954	27,656.2
13	1918-1925	5,801	14,016.3	6,395	15,288.2
14	1920-1925	.....	11,620.7	.....	13,789.1
15	1923-1925	3,359	9,423.1	5,017	14,202.1
16	1924-1925	1,337	6,899.0	3,053	15,111.6
17	1924-1925	576	1,105.9	1,296	2,607.9
E	1924-1925	.....	15,262.6	.....	24,769.6

Put in service.....	Nov. 10, 1914.	Nov. 10, 1914	Oct. 17, 1910	Aug. 8, 1916	Mar. 30, 1918	Sept. 19, 1919	Sept. 4, 1920	Sept. 4, 1923	Mar. 24, 1924	May 2, 1924	Aug. 5, 1924
Makers .....	The White Co.	The White Co.	Knox Motor Co	The White Co.	The White Co.	The White Co.	Ford	Mack Motor Co.	Mack Motor Co.	The Buick Co.	Mack Motor Co.
Company Nos.....	1.	1a.	2.	Unassigned	Unassigned	2a.	Service	2	3.		1.
Makers No.....	21625	21626	3788	26414	42874	51184	4051284	471420	472114	1188871	472115
Expense.....	1926	1926	1926	1926	1926	1926	1926	1926	1926	1926	1926
<b>Body—</b>											
Repairs .....	\$ ....	\$ ....	\$ 1.81	\$ 3.97	\$ ....	\$ ....	\$ ....	\$ 3.90	\$ ....	\$ .75	\$ ....
Painting .....	....	....	....	....	....	53.00	....	100.00	....	115.00	....
Bell .....	....	....	....	9.85	....	....	....	4.50	4.00	.74	42.50
<b>Chassis—</b>											
Repairs .....	86.48	10.16	....	171.13	11.77	33.93	10.95	224.94	22.56	32.75	....
Shock Absorber .....	....	....	....	....	....	....	....	....	....	....	....
<b>Electric—</b>											
Lighting .....	2.43	13.18	2.64	2.63	6.25	7.05	15.91	6.78	40.00	2.35	12.21
Starting .....	....	42.71	....	22.53	22.30	4.11	16.68	25.20	10.62	....	....
Batteries .....	.10	.15	34.00	55.80	55.80	10.50	12.22	....	....	14.14	.25
<b>Engine—</b>											
Repairs .....	587.74	31.99	28.42	299.72	52.68	90.32	97.23	142.19	206.69	160.90	317.57
<b>Cases—</b>											
New.....	137.95	....	125.00	262.90	....	....	....	....	254.25	124.30	....
Repairs .....	....	....	....	1.50	10.00	....	....	5.50	30.00	6.35	2.50
<b>Tubes—</b>											
New.....	17.25	....	20.75	20.75	17.25	....	7.00	....	15.25	20.15	....
Repairs .....	.50	....	....	4.50	1.00	1.50	1.50	2.00	10.00	3.55	2.00
<b>Rims—</b>											
New.....	....	....	....	....	....	....	....	....	....	....	....
Repairs .....	....	....	....	....	....	....	....	....	....	....	....
<b>Chains, etc.</b>											
Chains.....	10.00	15.00	4.75	30.00	17.00	10.00	10.00	30.00	60.00	20.00	20.00
Hooks .....	1.00	2.00	....	2.00	1.00	....	1.00	....	3.50	....	3.50
<b>Accessories</b>											
.....	13.05	1.00	....	12.34	22.15	15.10	8.03	36.92	10.45	22.88	17.53
<b>Totals .....</b>	<b>\$856.50</b>	<b>\$116.19</b>	<b>\$217.37</b>	<b>\$899.62</b>	<b>\$217.20</b>	<b>\$225.51</b>	<b>\$180.52</b>	<b>\$581.93</b>	<b>\$667.32</b>	<b>\$523.86</b>	<b>\$418.06</b>

#### SUPPLIES AND TOOLS

	Co. No. 1	Co. No. 2	Co. No. 3	Total
Gasoline .....	\$301.00	\$357.40	\$1183.00	\$1841.40
Oils .....	62.76	68.32	346.02	477.10
Grease .....	9.00	11.04	6.00	26.04
Soap .....	20.68	21.62	40.42	82.72
Polish .....	18.00	18.00	15.00	51.00
Tools new and repd .....	22.13	8.00	....	30.13
<b>Totals .....</b>	<b>\$433.57</b>	<b>\$484.38</b>	<b>\$1590.44</b>	<b>\$2508.39</b>

















